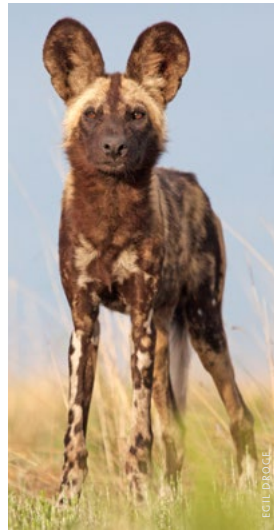




CARNIVORE PROGRAMME



Conservation At Large



Zambian Carnivore Programme

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Carnivores, corridors, and communities:

An outlook on carnivore conservation in Zambia

Large carnivore species across Africa have become increasingly vulnerable. With growing human populations, the space and resources these notoriously wide-ranging animals need are depleted, often to the point where carnivores can no longer persist. In Zambia, a country that houses critical populations of endangered carnivores, the **Zambian Carnivore Programme (ZCP)** researches and mitigates current and prospective threats to all major large carnivore species. Through a holistic, interdisciplinary approach, ZCP has built diverse partnerships, incorporated Zambian scientists and students at all

educational levels, and relied on local and international expertise to confront the intricate conservation challenges facing Zambia. On the ground, ZCP follows a three-tiered approach, incorporating scientific methodology with immediate attention to urgent threats to wildlife, while simultaneously training motivated students and professionals to become well-rounded, field-based conservation biologists.

Fundamental to effective conservation is accurate and current information to guide management actions. There is presently

very little known about most of Zambia's wildlife and wild places, which renders **research and monitoring** programmes of paramount importance. By conducting applied ecological research, ZCP is able to identify and evaluate limiting factors and threats to the persistence of carnivore species, their prey, and habitats.

Immediate conservation, such as de-snaring operations and supporting anti-poaching patrols and land-use planning, addresses the immediate dangers to wildlife and ecosystems as identified by research. Through targeted conservation

actions, ZCP reduces current, and helps to reverse past, negative impacts on large carnivore populations across Zambia.

To ensure the sustainability of both the research and conservation agendas, ZCP has developed diverse **educational opportunities** in the forms of training, employment, and sponsorship for current and aspiring Zambian wildlife professionals. Collectively, this helps to ensure that Zambia's best and brightest have the opportunity to contribute their talents to wildlife conservation now and into the future.



Conservation At Large



Dr. Matthew Becker
Chief Executive Officer

Wild places have always held a special place in the human heart, and large African carnivores typify these places. Feeling the roar of a lion in the night stars, catching a glimpse of a leopard, or witnessing the grace of a wild dog—these things people never forget. Unfortunately, for many places in Africa such experiences may soon exist only in our memories. Large carnivores require space, lots of it, and with ever burgeoning human populations we are running out of space, making these iconic big cats, wild dogs and hyaena the canaries in the coal mine for the continent's threatened ecosystems.

Bordering eight countries, with nearly 40% of its land managed for wildlife, Zambia's vast tracts of unfenced protected area networks are of critical importance for large carnivore conservation. But the challenges Zambia's wildlife and wild places face are unprecedented, complex, and rapidly changing, and necessitate collaboration among all sectors in conservation. The *Zambian Carnivore Programme (ZCP)* is an ambitious new approach aimed at conserving large carnivores, intact landscapes, and wildlife-based economies through a collaborative, multidisciplinary approach.

While we help provide most of the science-based guidance on wildlife in the country, as a 100% field-based organization with operations from year-round camps across the country, *ZCP* also uses science to address imminent threats to these ecosystems.

Perhaps most importantly we help ensure that the people most responsible for Zambia's conservation, the *Zambians* themselves, have the opportunity to reach their potential by meaningful engagement in these efforts.

Our mission is clear: conserve large carnivores and their ecosystems throughout Zambia. Certainly *ZCP* cannot attempt it alone. We work with an array of partners of all disciplines in the public and private sector, locally and internationally, with a unique mix of collaborative work. It ranges from research on the iconic large carnivore species and their prey, to combatting the bushmeat trade and human encroachment, to helping train, educate and employ Zambia's future wildlife conservation professionals every step of the way.

Collectively our approach addresses what is arguably a conservation dilemma inherent in conservation for developing nations, namely little current and accurate information to guide and inform conservation; imminent threats to the persistence of species and ecosystems that must be addressed; and management authorities with few resources and little capacity to promote sustainable, long-term conservation efforts.

ZCP's work is conservation of large carnivores, conservation of large landscapes, and conservation as a whole. This is the big challenge and the big opportunity—"Conservation At Large."

We hope you will join us to help ensure a future for Africa's magnificent large carnivores.

A handwritten signature in dark ink that reads "Matthew S. Becker". The signature is written in a cursive, slightly slanted style.

Background

On a regional and continental level, ZCP contributes to the conservation plans for lion, wild dog, and cheetah, and plays a key role in the strategy and action plans for the Kavango-Zambezi Transfrontier Conservation Area and Liuwa-Mussumu Transfrontier Conservation Areas.

The history of the Zambian Carnivore Programme stems from the work of Dr. Kellie Leigh, who initiated intensive studies of African wild dogs in Lower Zambezi National Park in 1999 as part of her PhD research at the University of Sydney, Australia.

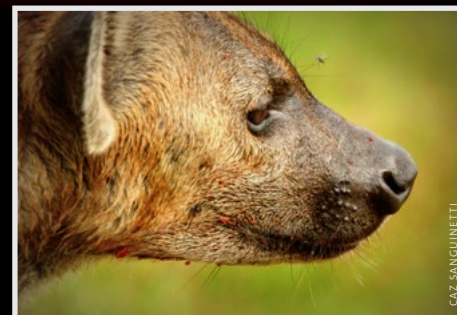
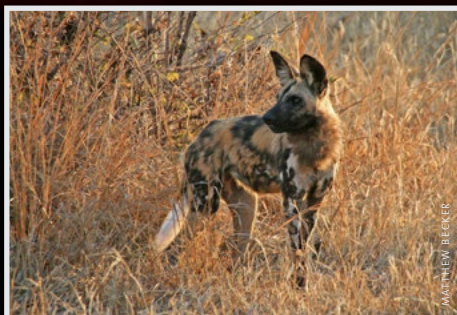
Dr. Leigh broadened this work into the non-profit African Wild Dog Conservation (AWDC), and in 2005, with funding from

WWF-Netherlands, expanded into the Luangwa Valley to focus on a landscape level wild dog conservation strategy. AWDC was formally registered as a trust in 2007 and, in mid-2009, the organization enlarged further to incorporate intensive studies on multiple large carnivores, their prey, and habitats. The organization officially adopted the name Zambian Carnivore Programme (ZCP) in 2010, and multi-species projects were implemented in

Greater Liuwa and Greater Kafue in 2010 and 2011 respectively, thereby covering all of Zambia's key ecosystems for large carnivores.

ZCP works with a variety of partners throughout Zambia and Southern Africa and has formal partnerships with the Department of National Parks and Wildlife (formerly ZAWA), the World Wide Fund for Nature – Zambia and Netherlands offices, African Parks Network, the South Luangwa Conservation Society, Working Dogs for Conservation, Chipembele Wildlife Education Trust, Tree Tops Educational Center, National Geographic, Panthera, and the Regional Strategy for African Wild Dog and Cheetah Conservation.

With funding from the National Science Foundation in 2012, ZCP augmented its research scope to conduct one of the largest ongoing studies of predation ever conducted, looking at the relationship between direct predation and risk effects in large mammal communities and its relevance to management and conservation. The organization adopted a wider ecological perspective on all study populations and can now provide significantly more data on both carnivores and their prey to the wildlife management authorities. Through this latest phase of research development, ZCP has been able to secure funding for three post-graduate Zambian students in the United States, with additional field biologists slated for international post-graduate degrees in the coming years.



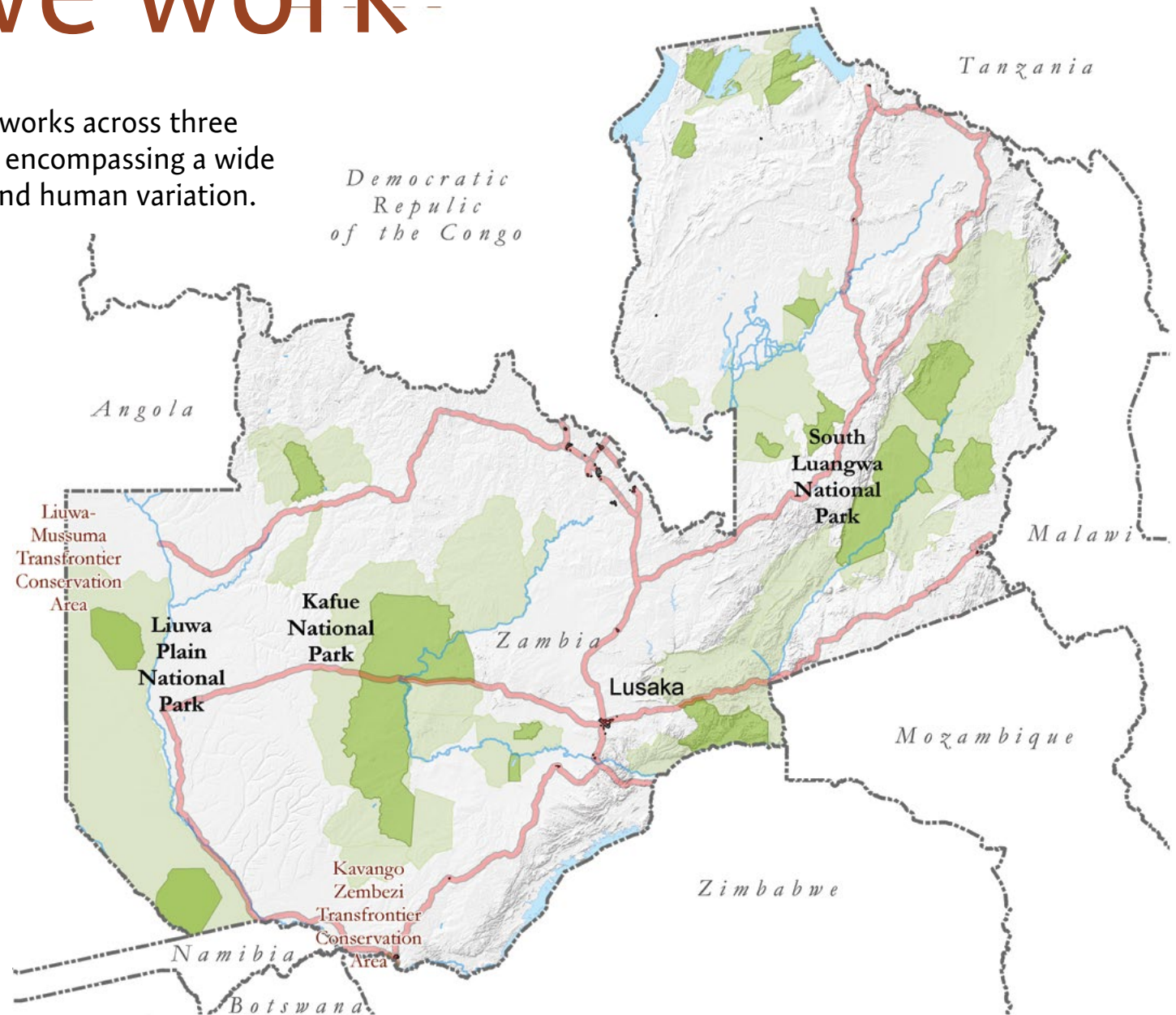
Our research currently provides the only scientific data on large carnivores and herbivores for much of their range in Zambia and has been utilized extensively in guiding conservation policy in the country.



Where we work

The **Zambian Carnivore Programme** works across three distinct ecosystems in Zambia, each encompassing a wide range of biological, environmental and human variation.

In the absence of fences, the carnivore populations in the South Luangwa, Kafue, and Liuwa Plain National Parks traverse freely between the fully protected parks and the semi-secured, surrounding Game Management Areas (GMAs), which in turn comprise massive protected area complexes of up to 70,000 km². Each study site differs substantially in carnivore and herbivore abundance, diversity, and distribution as well as in ecological uniqueness, climate, and human impacts. In concert this multi-site approach allows us to best obtain the necessary information on Zambia's conservation threats and take steps to address them.





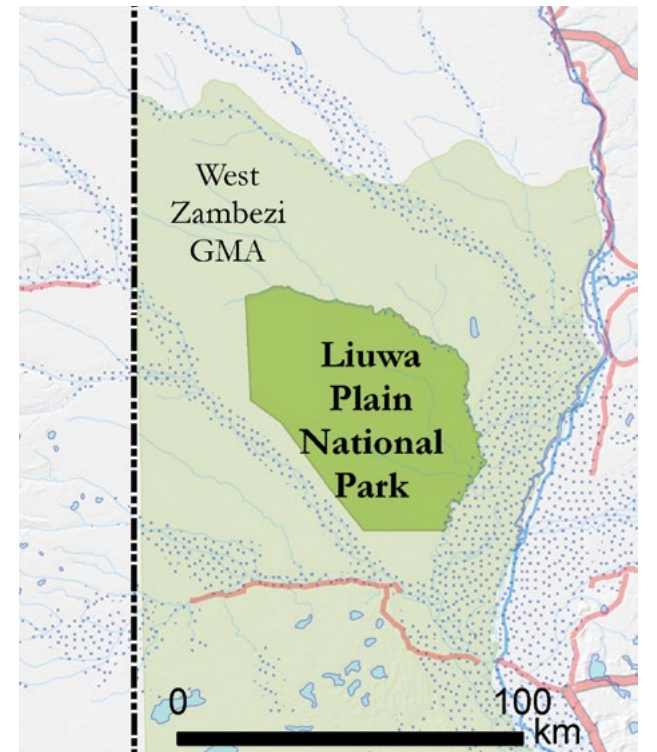
Luangwa Valley



Greater Kafue



Liuwa Plain



Introducing the carnivores

Zambia enjoys the full complement of Africa's large carnivore community, making it of key importance for regional conservation. These species occur in and around protected areas and enact a wide array of direct and indirect ecological and economic impacts in the country.



Lion

Zambia is one of the few remaining countries with large populations of the most social of the big cats. The Luangwa valley houses one of Africa's last 10 lion strongholds with the even large expanse of Greater Kafue housing the country's second largest population, and Liuwa Plain holding a small and recovering one, led by the famous Lady Liuwa.



Cheetah

Another threatened species, the world's fastest land mammal resides in the Greater Kafue and Liuwa Plain study areas, though once was also found in the Luangwa and could eventually be returned. Cheetah can range over thousands of kilometers in Zambia, making them and wild dogs the largest ranging species.



Spotted Hyaena

As Africa's most widespread, successful and socially complex large carnivore hyaena are of key importance and found in every ecosystem we work in. Much maligned as a dirty scavenger, hyaena are actually prolific hunters and wonderful mothers, living in a clan system where rank and maternity rule.



African Wild Dogs

One of Africa's most endangered carnivores the wild dog has been eliminated from most countries it once occurred in and Zambia is one of six countries with viable populations of this species, with the largest populations centered in

the Greater Kafue and Luangwa valley ecosystems. The most social of the dog family, wild dogs are a unique genus and live in tightly knit social groups as packs, communally rearing their young and defending territories.



Leopard

The most solitary of the big cats, leopard are found throughout Zambia, with the Luangwa valley being the reknown 'Valley of the Leopard.' Seldom seen in most ecosystems throughout the continent, leopards are regularly observed in the Greater Kafue and Luangwa.



A science-based approach

Science-based decision-making is always emphasized for conservation efforts; however in remote landscapes with carnivores ranging over literally thousands of square kilometers, getting the science from the field and to the policy-makers is no easy task.



With nearly 2000 animals in our database we conduct an array of studies on population trends, distribution, diet, genetics, the impacts of hunting, poaching, fencing and disease.

To accomplish this ZCP conducts an array of field research across the Luangwa, Greater Kafue and Greater Liuwa ecosystems. First and foremost our work centers on intensive studies of carnivores and their prey. Using an array of vehicles ranging from motorbikes to land rovers to airplanes, ZCP research crews log thousands of person days and nights, each year and throughout the year, to find and follow radio-collared lion prides, dog packs, hyena clans and cheetah. Similar work is conducted on their herbivore prey, and with nearly 2000 animals in our database we conduct an array of studies on population trends, distribution, diet, genetics, the impacts of hunting, poaching, fencing and disease—all aimed at identifying threats to the persistence of these species and ecosystems.

On a broader role ZCP melds intensive studies with broader landscape level studies aimed at determining population size and distribution, rates of habitat loss and human encroachment, identify and protect corridors and linkage zones, and evaluate patterns and trends of human activity such as wire-snare poaching. In concert these

data serve to guide and inform conservation and management efforts across local, regional and international scales, as well as to provide accurate and current data to evaluate management actions. Prior to ZCP, there was a lack of research to guide management strategies in Zambia. Today, after years of building partnerships and securing trust in the longevity of ZCP research, the Department of National Parks and Wildlife (formerly ZAWA), WWF-Zambia, and African Parks have all come to rely on ZCP to key scientific information to guide and inform management actions.



ROB SULLIVAN



ELIUS MUKANGA



MATTHEW BECKER

Conservation impacts

The diversity of biological, environmental, and human variables across ZCP study sites results in an ever-changing variety of urgent and long-term threats to carnivores and their habitats. Imminent threats identified by research require immediate action and consequently ZCP leads a wide range of collaborative conservation initiatives.

Wire-snaring, an inexpensive, quiet alternative to poaching with firearms, is rampant throughout all of the ZCP study systems and fuels a large-scale commercial bushmeat trade. Due to the indiscriminate nature of snares, these devastating poaching tools can inflict significant injuries and mortality on all mammal species. In the Luangwa Valley, ZCP has a long-standing collaboration with the South

Luangwa Conservation Society (SLCS) to support SLCS anti-poaching work to combat snaring, evaluate snaring patterns, trends and the efficacy of anti-poaching efforts, and reduce its impact on large carnivores. The two organizations co-own a Cessna 180 aircraft in South Luangwa, which serves as a formidable anti-poaching tool and mobilizes immediate rescue operations for animals caught in snares.


With two full-time veterinarians employed across the three field-sites, ZCP is able to react quickly and effectively to reports of snares or snare-wounded animals.

Maintaining the connectivity between national parks, GMAs and bordering countries is vital for the sustainability of Zambia's large carnivore populations. Unfortunately Zambia has one of the region's highest rates of deforestation and thus it is critical to determine and mitigate the rates and drivers of habitat loss. In collaboration with conservation partners in Zambia, ZCP conducts analyses of human encroachment throughout all three study sites and Transfrontier Conservation Areas, recently revealing previously underestimated and shockingly high rates of land conversion across the Luangwa

valley and Zambian portion of the KAZA TFCA. Using the results of these studies and those of snaring research, ZCP actively assists with land-use and zoning plans that protect the viability of wildlife habitat and wildlife-based economies while encouraging responsible development and the creation of the country's first Community Wildlife Conservancies.

Communities in and around national parks in Zambia typically keep domestic dogs for both protection and companionship. As domestic dogs can be carriers of rabies, there is high potential for disease transmission via direct contact with wildlife such as wild dog and lions. ZCP works with a number of partner institutions and the Department of



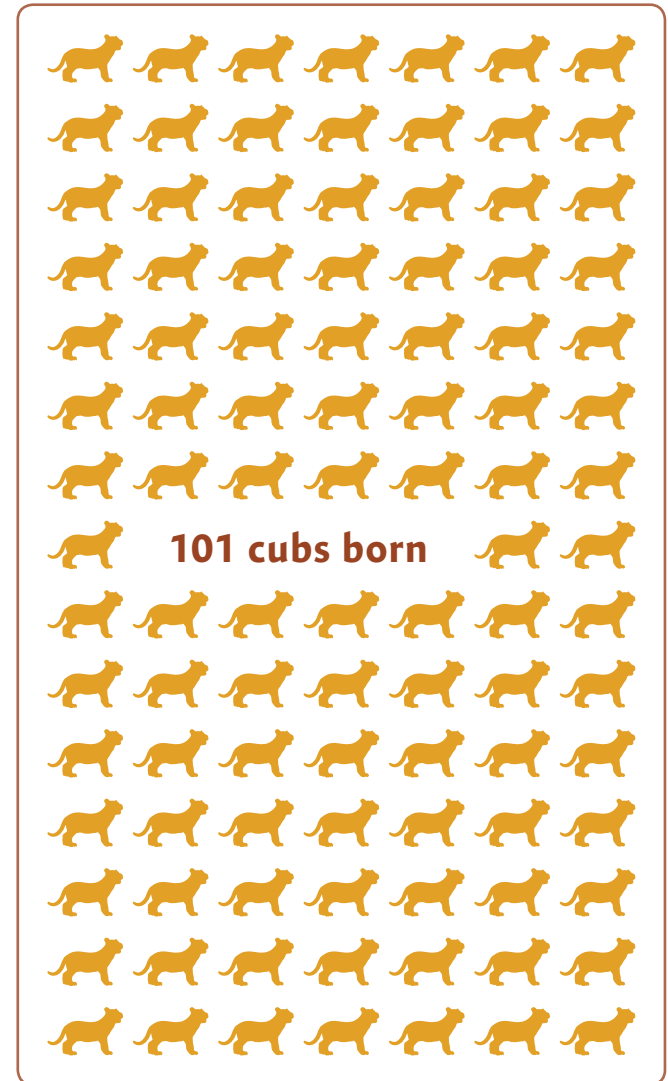


Veterinary and Livestock Development to conduct disease-monitoring work and to implement domestic dog vaccination programs. Additionally, ZCP conducts human-wildlife conflict surveys in both South Luangwa and Liuwa communities in order to determine the extent of carnivore-human conflict and perceptions of wildlife, and together with collaborating agencies and organizations take steps to address these conflicts.

ZCP collaborates with local partners to ensure that threats are addressed in a timely manner, through initiatives ranging from supporting anti-poaching and land-use planning work to species reintroductions, to mitigating human-wildlife conflict and reducing disease threats from domestic animals.

Our conservation initiatives address the immediate threats to species and ecosystems as identified by research.

Population effects from snared lion rescues



** Data from long-term ZCP lion studies.*



Supporting current and future conservationists

The educational activities of ZCP strongly focus on the transfer of skills and the building of local capacity for both aspiring and current conservationists in Zambia. Additionally, ZCP promotes increased local understanding of conservation issues through education and community awareness and outreach programs.

Working with local secondary schools, ZCP encourages and assists with conservation education programmes by developing specific activities and lesson plans for student groups aimed at preparing them for advanced education and employment. In the oldest ZCP field site, South Luangwa, ZCP collaborates with Chipembele Wildlife Educational Trust (CWET) to support conservation-minded secondary students through the Conservation Club at the Mfuwe Day Secondary School. Each Friday, ZCP field teams direct the Conservation

Club by running scientific-based conservation studies with the students. Through these studies, the students develop ecological questions and hypotheses and then employ the scientific method to test them, collecting and analysing data before writing up and presenting findings to the Department of National Parks and Wildlife (ZAWA) and tourist audiences in South Luangwa. As a result students become proficient in computers and Microsoft Office programs, critical thinking, writing and public speaking.





In the Greater Kafue, ZCP partners with Treetops Educational Facility to run similar but smaller research projects for visiting Zambian student groups. Additionally, in 2013, ZCP developed a partnership with the Southern African Wildlife College (SAWC) to send Conservation Club graduates on a six-month course in South Africa. The course provides an overview to students of the theory and practical application of environmental education and conservation.

A number of Zambian universities offer degrees in the natural sciences, but for aspiring students in these departments, opportunities to acquire field experience both during and after university is extremely difficult. Consequently students typically do not have the requisite field experience needed for employment on research projects. To address this gap, ZCP has provided an internship programme for university students since 2009 and developed its own field biology training program for recent Zambian

university graduates, which includes ecological theory, practical field skills, and subsequent employment by ZCP as field assistants.

In addition to providing training, educational, and employment opportunities to students, ZCP endeavours to further train and employ Zambian professionals in wildlife-related fields. This includes sending Zambian employees on local and international training courses and working closely with the ZAWA

research department to train ZAWA ecologists and scouts to become well-rounded field scientists. ZCP also encourages its senior Zambian research staff to pursue graduate degrees in the sciences, and to-date two Master's students and one PhD student have secured sponsorships through ZCP for graduate universities in the United States, where they are currently enrolled in top research institutions.

For aspiring students in Zambian universities, opportunities to acquire field experience are difficult. ZCP has developed its own field biology training program for recent university graduates.





Luangwa Valley

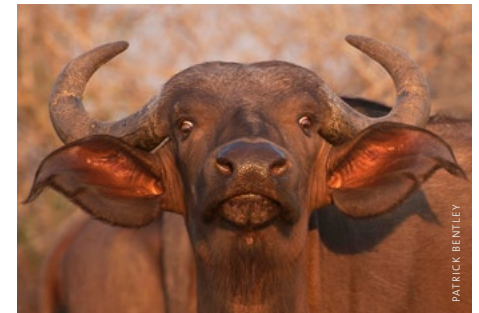
The pre-eminent wildlife stronghold

The Luangwa and Mid-Zambezi Valley ecosystems cover an unfenced and relatively undisturbed wilderness area of over 70,000 km². This vast expanse contains the largest lion population in Zambia and the second largest wild dog population. ZCP focuses heavily on these two species, as well as researching the relationship between carnivore species and predator-prey interactions. In this region, lions and leopards have significant importance for tourism operators, and thus accurate data on these populations is vitally important to guide management decisions. Eastern Zambia has one of the most

significant populations of wild dogs in Africa, especially because of its potential for providing connectivity between Eastern and Southern African wild dog populations.

As the oldest field site and organization headquarters, ZCP research, conservation, and education programs are most developed in the Luangwa Valley, with long-standing partnerships in place with local non-profits. Together with the South Luangwa Conservation Society (SLCS), ZCP co-owns a Cessna 180 aircraft for use in joint anti-poaching and aerial tracking

operations. The two organizations also co-employ a veterinarian who conducts all immobilizations for de-snaring and radio-collaring purposes and runs the SLCS-ZCP Veterinary Clinic for domestic animals. Through the Conservation Club, ZCP and Chipembele Wildlife Education Trust (CWET) have trained dozens of students on fieldwork methodology and ecological concepts, with many students choosing to further their involvement in the sciences by pursuing university degrees and/or seeking employment in the biological conservation sector, often with ZCP.







Greater Kafue

The last great African wilderness

The largest protected area in Zambia and the second largest national park in Africa, the Kafue National Park and surrounding game management areas contain the country's most significant numbers of wild dogs and cheetah. With no previous monitoring of these two species, ZCP introduced carnivore research to this area in 2011. Fieldwork focuses on wild dog, cheetah and lion dynamics, as well as the

same predator-prey and carnivore research conducted in the sister sites. Kafue National Park and the adjoining Game Management Areas forms part of the five-country Kavango-Zambezi Transfrontier Conservation Area (KAZA), which is one of the world's largest protected ecological networks, and one of the few remaining viable populations of wild dogs on the continent.

Snaring and human encroachment pose a serious threat to large carnivores and ungulates in Greater Kafue. Working with local and international conservation bodies such as the Zambia Wildlife Authority, Panthera, and Game Rangers International, ZCP contributes to a rapid-action response team to remove snares and treat wounded animals as quickly as possible. Based at the Treetops Educational

Facility, ZCP runs a collaborative primary and secondary school education program with visiting school groups, through which students are exposed to wildlife research and field-based conservation. Working with Treetops and ZCP, students create field-based research projects, which supplement each school's science curricula and encourage long-term and sustainable outcomes in Kafue and across Zambia.



Liuwa Plain

A new beginning for wildlife

A vast seasonally flooded ecosystem in the Western Province, Liuwa Plain's stunning wildlife was nearly decimated following years of heavy poaching and civil war in neighbouring Angola. Today, under the management of African Parks Zambia, this area has undergone and is still undergoing rapid recovery. While the full compliment of wildlife species is being restored, ZCP's research and monitoring program, in concert with restoration efforts, allows for research-based conservation of this unique ecosystem.

Liuwa is dominated by spotted hyena. The lion population was reduced to a single lioness in the early 2000s, but even with recently reintroduced lions, hyenas remain the top predator. The resulting unusual

carnivore dynamic has provided a special opportunity to gain insight into the relative impacts of lion and hyena on cheetah and wild dog respectively. In addition to carnivore work, ZCP conducts long-term demographic study on the keystone species of Liuwa – the wildebeest. After the Serengeti, Liuwa Plain boasts the second largest wildebeest migration in the world, with an estimated 40-50,000 animals moving annually from the southern to northern sections of the park and beyond. Additionally, ZCP was instrumental in the re-introduction of lions into Liuwa. Despite the challenges and setbacks of this process, two reintroduced lions successfully mated in 2013 and now a new generation of lions have reclaimed their predatory post on Liuwa's vast plains.



DAVID SWIT



WILLIAM BURBARD-LUCAS



DAVID SWIT

Our accomplishments



Research

- Ongoing research and monitoring work spanning over 90,000 km² of ecological networks (5 national parks, 12 Game Management Areas)
 - Implemented the first long-term research and monitoring programmes ongoing for all large carnivore species and their prey in all the major ecosystems across the country
 - Nearly 2000 known large carnivore individuals in our databases followed long-term
 - Provided the only data for most of Zambia's large carnivore populations and their prey
 - Contributed to working groups on KAZA wild dogs, Transboundary Conservation Detection Dog Working Group, Canid Specialist Group, African Lion Working Group
- Provided the only wildlife data and recommendations for numerous land-use plans for parks and Game Management Areas
 - Assisted in the Development of National Action Plans and Conservation Strategies for lion, cheetah and African Wild Dog
 - Implemented the first long-term study on Africa's second largest wildebeest population
 - Implemented one of the largest studies of large mammal predator-prey dynamics ever undertaken
 - A productive record of peer-reviewed scientific papers for policy guidance on topics ranging from trophy hunting, snaring, human encroachment, land-use planning, genetics, disease, fencing and community wildlife conservancies.



Education

- Implemented first conservation scholarship programme for graduating secondary school students
 - Implemented guide-run monitoring programmes for large carnivores in Luangwa and Kafue
 - Trained and educated Zambia's first graduate students on large carnivores x3
 - Implemented the first internship programme for Zambia University students x10
- Trained and educated Zambia's first large carnivore specialists x12
 - Provided practical skills in wilderness first aid/cpr, automobile repair, service and bush driving skills x20
 - Trained over 100 students in computer literacy, technology, Microsoft office suite, public speaking, writing, critical thinking and scientific methods
 - Trained over 200 secondary school students in Conservation Club activities

Conservation

- Trained and employed the country's only non-governmental Zambian wildlife vets
- De-snared dozens of lion, wild dog and hyena; de-snaring efforts protected the equivalent of over 130 lions
- Implemented vaccination campaigns for domestic dogs in Liuwa and Luangwa as well as spaying and neutering programmes for pets in the Luangwa
- Conducted the first detailed study on human encroachment and snaring trends and patterns in the Luangwa, Kafue and Liuwa ecosystems
- Provided data and assisted in initiatives promoting land-use planning for all parks and surrounding GMAs
- Provided some of the only scientific guidance for the Zambian portions of the Liuwa-Mussumu and Kavango-Zambezi (KAZA) Transfrontier Conservation Areas
- Supported study of bushmeat market drivers, impacts and solutions
- Helped source and introduce lions into Zambia to create the first pride in Liuwa in over a decade
- Supported scout patrol teams targeting areas of high snaring risk for carnivores





What people are saying

“

Wildlife tourism is an essential and increasingly important component to Zambia's economy, and large carnivores are critical for this. The work of ZCP to protect and promote wildlife, wild places, and wildlife-based economies has been a real asset to the country.

Robin Pope
*renowned Safari Guide and
Founder of Robin Pope Safaris*



“

The Zambian Carnivore Programme's work blends rigorous scientific research with immediate on-the-ground conservation actions to address the myriad threats facing big African cats today, and into the future.

Dr. Luke Dollar
*Program Manager, National
Geographic's Big Cats Initiative*



“

WWF has been a long-term funder and partner of ZCP's holistic approach to large carnivore conservation throughout the organization's history, and we are proud to continue supporting these efforts.

Johan van de Gronden
CEO of WWF-Netherlands



“

The work of ZCP has helped immensely in helping train and provide educational opportunities for developing large carnivore ecologists in Zambia, as well as for future conservationists in the secondary school and university level for students from communities across the country.”

James Milanzi
*Director of
Conservation
for National Parks
and Wildlife
(Formerly ZAWA)*



“

My favourite thing about working with ZCP is that in addition to being able to develop professionally, I can also give back to the people and wildlife of the Luangwa Valley. As someone who has grown up in the area and witnessed firsthand the issues affecting wildlife, I feel honoured to have the opportunity to conduct research that will help protect some of these vulnerable species. I hope that my efforts as part of the ZCP team will contribute to the sustainability of the local tourism industry, which has supported my family's and many other people's livelihoods for many years.

Thandiwe Mweetwa
ZCP Researcher and Graduate Student



“

Having spent much of the past 40 years documenting the lives of Africa's lions, leopards and cheetahs in the Masai Mara in Kenya we know first hand the power of these charismatic creatures to create a sense of awe and wonder about our diminishing natural world.

Yet the loss of the planet's big cats is gathering pace. In the last few hundred years lions and tigers have lost 90% of their natural habitat in the wake of the burgeoning human population. They continue to be shot, trapped and poisoned throughout their range due to conflict with man and his livestock and for the lucrative trade in their body parts and skins.

So how can you make a difference? We have visited Zambia on many occasions and been inspired by the work of the Zambian Carnivore Programme (ZCP). We have seen for ourselves how its well-managed projects help address the concerns of local communities as well as the broader environmental issues. The ZCP is making a difference. It deserves our fullest support for its efforts to ensure the continued survival of a fragment of the world's wildlife heritage and its charismatic predators.

Jonathan and Angela Scott
filmmakers, authors, Big Cat Diary





I grew up in Ndola, the heart of Zambia's copper mining province, as you can imagine far from any sort of wildlife! But that is not to say that wildlife was not part of my life growing up, well at least not in the physical sense. My father was born and grew up in one of Zambia's strongholds for wildlife, the South Luangwa...ku Malambo as he would call it. With no television in the house, we would spend evenings after meals with my siblings hearing him recount stories of how he grew up among the elephants and lions. Being fascinated by especially the elephants and lions we would ask so many questions til he would send us off to bed for another time of storytelling...

Both my parents were clinical officers, thus I grew up wanting to be a medical doctor, but, my strength lay in the biological and environmental sciences, thus after my first year of study at University I decided to major in Environmental and Natural Resources Management. After completion of my studies I worked in the Lower Zambezi National Park with the Zambia Wildlife Authority where I linked up with Researchers from the African Wild dog Project the predecessor project of the Zambian Carnivore Programme. We would head out into



the Park and conduct counts of carnivores and their prey species.

Working with ZCP has been amazing, it has given me opportunities to create my own wildlife stories... like calling in a pride of 17 lions to a lion survey station, seeing them settle down around the vehicle and start roaring and calling—no human choir or machine can recreate that. Or dozing off during a lion hunt follow only to wake up to lions roaring and calling around the vehicle, that gets your adrenaline running, but did I tell you that was also my 36th birthday? Never in my life have I ever heard such a beautiful birthday song! Or being on a motorbike in the endless horizons of the Liuwa plains surrounded by over forty hyenas on a kill. In the wild areas of Zambia, I became one with nature, and I am thankful to ZCP for having given me the opportunity to create my own stories, that just like my father did years back, I will also share with my son and hopefully we will succeed in protecting and learning more about the animals we study that he will have opportunities to create his own stories...

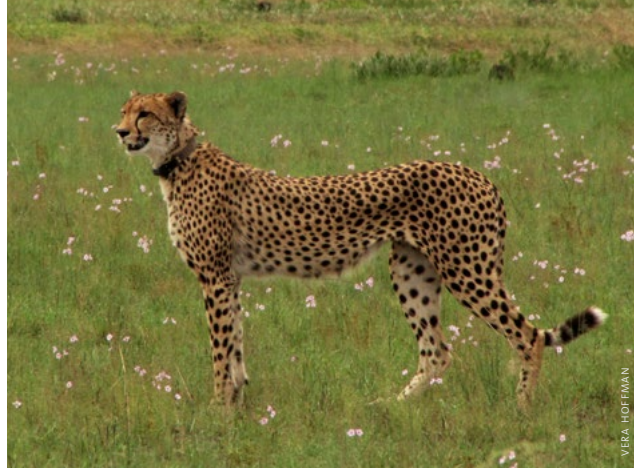
Jassiel M'soka

*Senior Ecologist DWNP (ZAWA),
Former ZCP Graduate Student and
Liuwa Project Manager*





JOHNATHAN MERKLE



VERA HOFFMAN



PARSON BENTLEY

Committing to Zambian carnivores

If you are inspired by the work of ZCP, there are several ways in which you can contribute to the sustainable future of carnivores in Zambia.

Unrestricted donations: Support the overall operating costs of the organization by making an unrestricted financial contribution.

Support a cause: Has a particular ZCP program or field site moved you? Designate your contribution to a specific sponsorship, species, or study design.

Equipment donation: ZCP always has a need for refreshed and modern field equipment and tools, from those used in

camp construction to carnivore collaring. Please contact the organization for a specific list of desired equipment donations.

Sponsorship: Do you own or work for a business that could provide in-kind support to ZCP? Or perhaps you would like to sponsor anti-snaring operations, a ZCP field biologist or Conservation Club student through his or her next level of education? ZCP welcomes new partners and friends to assist the organization in its networking and growth.

If you would like to learn more about how to get involved with, become a financial partner, or make a donation to, please visit our website: www.zambiacarnivores.org

For further information on specific donations and sponsorships, please contact:

Dr. Matthew Becker,
Chief Executive Officer
the Zambian Carnivore Programme
matt@zambiacarnivores.org
+260 (0) 216 246 199

Our partners

Financial Partners

We work with an array of financial partners to ensure that nearly 100% of our funding goes to on-the-ground conservation efforts in Zambia.

WWF-Netherlands
National Science Foundation
Mfuwe Lodge/Bushcamp Company
Painted Dog Conservation Inc
National Geographic's Big Cats Initiative
Robin Pope Safaris
Wilderness Trust
Rufford Foundation
Wildlife Conservation Network
Africa Hope Fund
Radisson Hotel and Resorts
Royal Society for the Prevention of Cruelty to Animals
Mulberry Mongoose
Tusk Trust
Monarto Zoo
Conservation, Food and Health Foundation
Elephant Charge
Giraffe Conservation Foundation
FLIR

Conservation Partners

We work with an array of local, national and international conservation partners with a diversity of expertise and resources to address the myriad conservation challenges in Zambia.

Department of National Parks and Wildlife (Formerly ZAWA)
South Luangwa Conservation Society
WWF-Zambia
African Parks Network
Chipembele Wildlife Educational Trust
Working Dogs for Conservation
Panthera
TreeTops School Camp
Luangwa Safaris Association
BioCarbon Partners
Game Rangers International
Frankfurt Zoological Society (North Luangwa)
Regional Strategy for Wild Dog and Cheetah Conservation

Collaborating Institutions and individuals

To accomplish science-based conservation we align closely with an integrated array of scientists from top research institutions to form a close-knit collaborative team.

Dr. Scott Creel, Montana State University
Dr. Fred Watson, California State University-Monterrey
Dr. David Christianson, University of Arizona
Dr. Paul Schuette, Syracuse University
Dr. James Murdoch, University of Vermont
Dr. Goran Spong, Swedish University of Agricultural Sciences
Dr. Alec Lindsey, Northern Michigan University





The organisation

The **Zambian Carnivore Programme** registered with the Ministry of Registrar for Non-Governmental Organizations in Zambia, RNGO 101/005/13, and with the Internal Revenue Service as a 501(c)3 non-profit in the United States. The management of the organization lies with a Board of Trustees and the Chief Executive Officer. The board is composed of five diverse professionals, with common ground in their passion for wildlife conservation in Africa.

John Lemon, Chairman of the Board, brings several decades of experience with large carnivore research and conservation as the director of Painted Dog Conservation Inc. and curator of Perth Zoo.

Dr. Nyambe Nyambe assumed the role as Director of WWF-Zambia in 2014, and he brings decades of scientific and

conservation policy guidance to the overall approach and daily activities of ZCP, with specific focus on translating ZCP scientific findings into policy impacts.

Dr. Vincent Nyirenda, brings decades of expertise as a wildlife biologist in Zambia, former Head of Research for the Zambia Wildlife Authority, and a Senior Lecturer at Copperbelt University with areas of expertise including ecology, human-wildlife conflict, law enforcement and community conservation.

Rob Clifford, the Operations Manager of Robin Pope Safaris in Zambia, has been on the ZCP board for nearly a decade and has facilitated immeasurable in-kind and direct support for on-the-ground operations and logistics in Zambia.

Frans Schepers, who helped to start and grow AWDC and later ZCP from his

position within WWF Netherlands, has joined the board in 2014 after leaving WWF to work as Managing Director of Rewilding Europe. He brings over 30 years of experience in international conservation programmes and initiatives from across the world.

All ZCP research, conservation and educational operations are overseen by **Dr. Matthew Becker**, the organization's CEO who joined ZCP in 2008 and has over 20 years' experience working as a field biologist.

Together with the CEO, the Board reviews the yearly and long-term objectives of ZCP, assists in generating both financial and material resources, and offers individual expertise on conservation issues and non-profit management.



John Lemon



Dr. Nyambe Nyambe



Dr. Vincent Nyirenda



Rob Clifford



Frans Schepers



Dr. Matthew Becker



The board of ZCP is composed of five diverse professionals, with common ground in their passion for wildlife conservation in Africa.



CARNIVORE PROGRAMME



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