



2017

Yearly Report



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July 1, 2016 – June 30, 2017

Yearly Report - Tengwood Organization

July 1, 2016 – June 30, 2017



PARTNERS IN OUR BUSHMEAT STUDY:

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**Marianne & Benno
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*Maria and Kurt
Tenger*


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PARTNERS IN OUR CLEAN WATER FOR CONSERVATION PROJECT:



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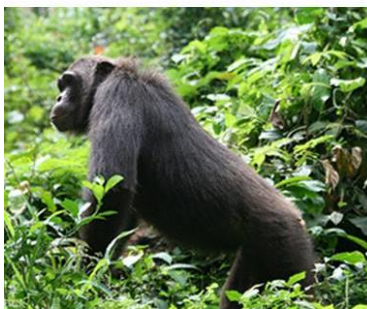
Wietlisbach Foundation

TENGWOOD ORGANIZATION

Tengwood Organization is now 7 years old as we look back on the past business year from July 1st 2016 through June 30th 2017.

Tengwood Organization was founded on December 9th 2010 in Wallisellen, Switzerland, with a goal of helping conservation efforts for some of Africa's most endangered primates.

Deforestation, illegal hunting, wildlife trafficking and loss of habitat are some of the greatest threats to all animal and plant species in the world today. In particular, Tengwood Organization is dedicated to the problem of trafficking in wild meat (i.e. "bushmeat"), with an ongoing study to examine how bushmeat is being exported out of Africa. Inside Africa, we have also initiated a conservation program that combines clean sustainable drinking water with conservation education for peoples living and working in and around protected areas. This program is being carried out to supply Rangers, who are on the frontlines of wildlife protection, with safe drinking water for their rigorous work. It also provides drinking water to local populations living around protected areas in combination with education about more sustainable management of natural resources. Our most recent conservation initiative in the Cross River National Park, Okwangwo Divisional Headquarters in Butatong provides clean drinking water, free of charge, to National Park Rangers, staff, visitors to the park, and to the adjoining water-impooverished host community of Butatong.



FINANCES

Thanks to our partners, various public and private sponsors and donors, and our loyal passive members, we were able to finance our water projects and our second year of the bushmeat study. Unfortunately, two major sponsors cannot continue to fund the third year of our study due to restructuring of their own organizations. As a result, we are still missing CHF 25,000 for the 2017 - 2018 fiscal year. Despite this deficit, we are continuing to move forward with our work and hope to find additional support.

Activities 2016 – 2017

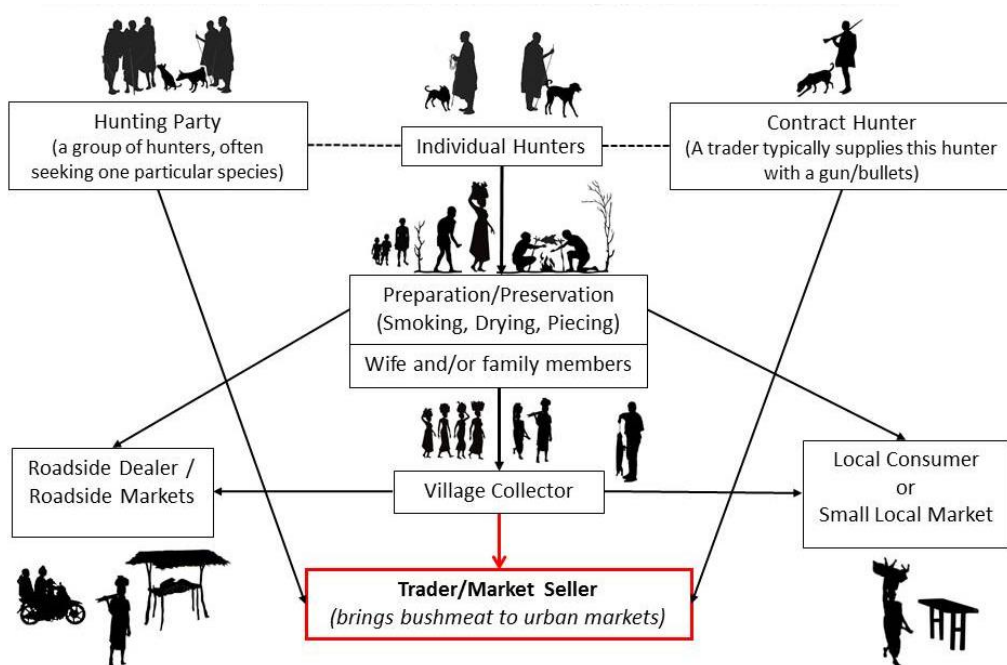
Again this year, our main focus was on our bushmeat export study. In addition to Benue State and Cross River State, we have expanded the study to include the Abuja metropolitan area of the Federal Capital Territory. Abuja is Nigeria's capital city, with access to Nnamdi Azikiwi International Airport, an airport that offers daily connections to Europe and the U.S. and is a point of exit where bushmeat can be exported. Together with our findings of last year, we are getting a clearer picture of how the bushmeat trade is organized within Nigeria. The assumption that wildlife is hunted mainly as a protein source for impoverished forest dwellers is clearly not always the case. Today, hunters kill wild animals for sale to bushmeat traders because of the high prices the meat can bring. With their profits, the hunters buy alternative, cheaper meats and "luxury items" such as new clothing or a TV. Rather than small, local profits, bushmeat traders buy and then sell bushmeat at much higher profits in larger, urban markets. The bushmeat trade is profitable and very tightly organized. Since protected species cannot be legally hunted in Nigeria, the trade in these species is a crime, but one that carries few penalties as the laws lack effective enforcement.

Finding out more about how amounts of bushmeat are exported out of Nigeria and into other countries is our focus for the coming year.

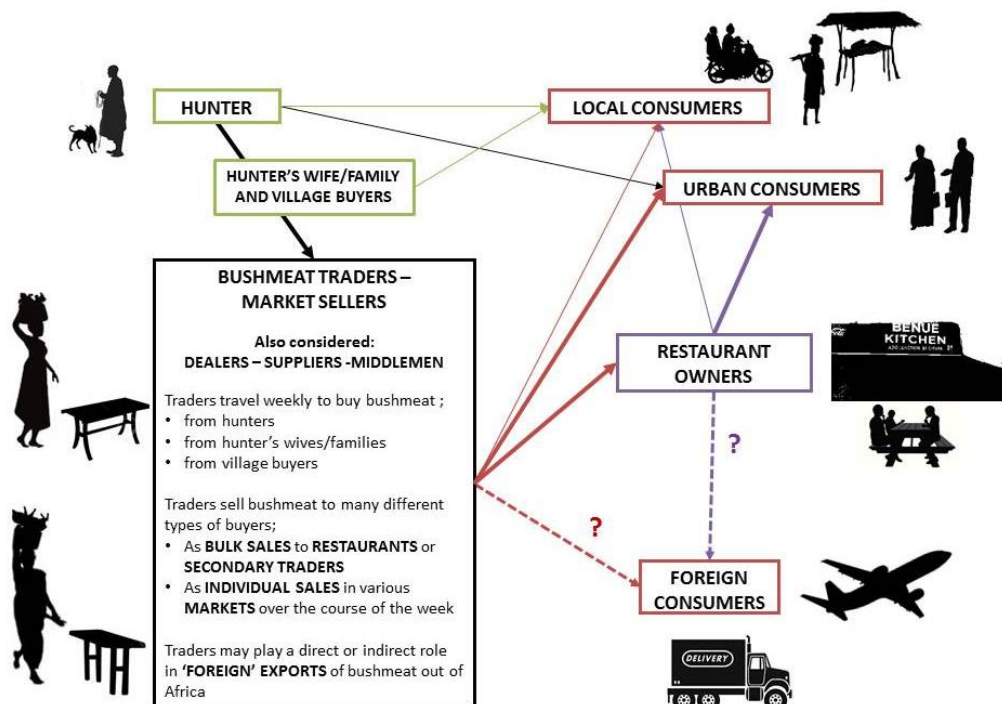


The Bushmeat Trade Commodity Chain in Nigeria

The Local Picture: The players in the trade from hunter to local markets.

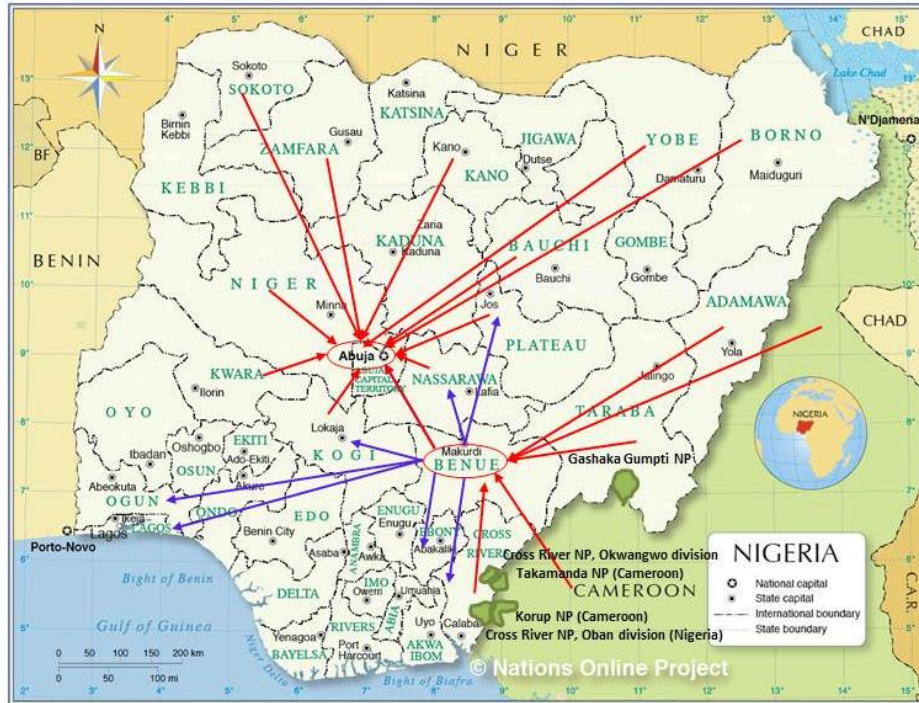


The Bigger Picture: Trade-Flow Patterns of Bushmeat.



The Routes of Trade and Species Threatened by the Trade

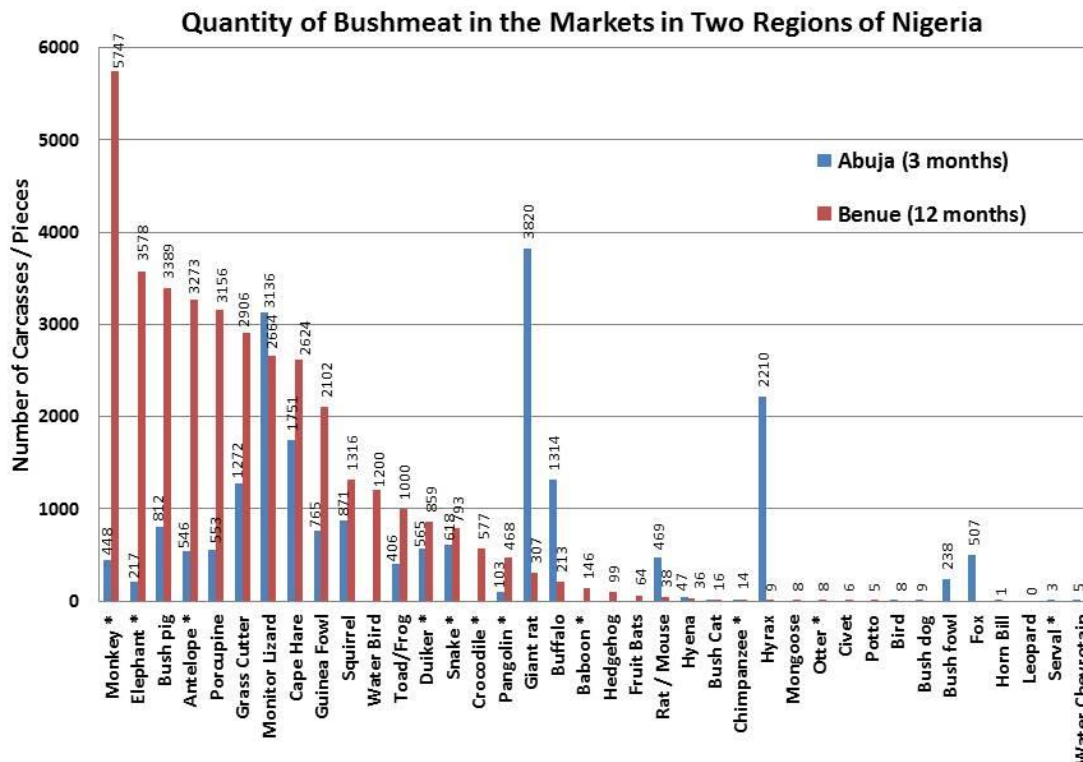
A map of some of the sources (red arrows) and destinations (blue arrows) of bushmeat in and out of Benue State and Abuja Metropolitan area markets.



Protected species that are openly sold in Nigerian markets.



Quantity and Speices of the Bushmeat in Nigerian Markets



*Protected species are still openly sold in many markets;
Those categories which contain at least one protected species are indicated with an asterisk
Numbers represent numbers of carcasses, except for larger species, which are pieced.*

The above graphics show how the bushmeat trade works within Nigeria and some of the types of animals and amounts that are being sold. It is a known fact that some of this bushmeat is being transported to Nigeria from neighboring countries, which means that the international rules of CITES should come into play, but are not being adhered to. According to CITES treaties, the export and import of live animals and plants or their parts and products are either prohibited or, depending on the degree of protection, in need of a permit. Nigeria and the surrounding countries are all members of CITES. This means that bushmeat introduced from surrounding countries is being imported without authorization, including CITES I protected animals. This is already an international offense that is being discussed with CITES authorities in Nigeria and Cameroon, but is one that also requires pressure from international CITES authorities. The problem with bush meat is not small, but rather a significant issue that we will spend a lot of energy addressing in the coming year to assure that this problem is not forgotten, but instead raised again and again.

Our Clean Water for Conservation Project – A success!

Clean drinking water combined with conservation – drinking water and species protection, how does this work together? The genesis of our idea was to offer clean drinking water especially for park rangers. Rangers are at the frontlines in the daily struggle to protect the wildlife and their habitat and they are an important factor in the fight against the bushmeat trade in protected species. Clean drinking water while on patrol helps the rangers to perform very physically demanding work. However, local people must also have an incentive to protect these areas. Therefore, the second idea behind this project is to encourage conservation in communities living in and around protected areas. Water-impooverished people living around protected areas can source clean, sustainable drinking water, but in return receive training in wildlife conservation and environmental protection in their schools and in their communities.

We were able to fully implement our ideas in two ‘Clean Water for Conservation’ projects; the Rangers protecting Afi Mountain Wildlife Sanctuary and the Rangers in the Cross River National Park Okwanwgo Division now have clean and bacteria-free drinking water available thanks to our projects. The residents of Butatong, the host community of Cross River National Park’s Okwanwgo Divisional headquarters, also have access to clean drinking water for the first time. Environmental education about sustainable use of natural resources is also in progress. As a result, the relationship between park staff and the local population has greatly improved. Thanks to this improved relationship, both parties are working together better in protection of the forest. We are proud that we were able to complete this project to the satisfaction of all. The water purification systems provided by Aqua-pura Organization are excellent and they reliably clean polluted water. We would like to thank Aqua-pura, the Reformierte Kirche Opfikon, the Swiss Embassy of Nigeria, and the Wietlisbach Foundation for their support of these projects. Thanks to these sponsors, we were able to fully supply the facility in Cross River National Park with green, solar energy.

Following are some impressions of the two water systems now in place for rangers and support communities around these protected areas.

Clean Drinking water for Afi Rangers



Clean Drinking Water for the Cross River National Park Okwangwo Division and its host Community of Butatong

On left; For the water supply, we created a borehole at a depth of 130 meters. *On right;* Engineer Chris holds the water pump from Denmark, which operates directly (without battery) with solar energy.



The water pump is supplied with power from 8 solar panels.



A separate solar system was installed for the Aqua Pura water purification system. This system is powered by DC, so we had to resort to a solar powered battery for this part of the system. Despite this, the green energy utilized in this project became an educational opportunity for the Cross River National Park administrative staff and serves as an example for the Nigerian National Park system of how green energy can be successfully used in Nigeria.



Two 3000 liter water tanks were set up for storage of the borehole water. The water travels from these tanks to the Aqua Pura cleaning system and then to the taps.



The heart of the system is the Aqua Pura Waterflow Purification System.



When everything was installed to our satisfaction, the water project of course required an opening ceremony. Attendees included Tengwood Organization, Representatives of the National Park Service Nigeria, Cross River National Park Rangers and Staff, Community leaders, Chiefs, and residents of Butatong and other support communities, politicians from the Boki Local Government Area, and representatives from WCS Nigeria. All involved deemed the opening ceremony a complete success.



THIS IMPORTANT PROJECT THAT WILL AID THE PROTECTION EFFORTS OF THE NATIONAL PARK IS SUCCESSFULLY COMPLETED. WE WILL CONTINUE TO MONITOR AND SUPPORT THIS PROJECT.



We have also implemented the corresponding environmental education program, which is an important part of the overall project. Posters about water protection inform local residents about the importance of watersheds and waterways. More posters and additional teaching materials are currently in production and will be in use shortly.

Dr. Kathy Wood teaches a school class about the interactions between water and wildlife at an educational program in the Cross River National Park.



Conservation education is an important factor in imparting an understanding of the environment. Teaching about more sustainable use of resources is a prerequisite to successful protection of the rainforest and its inhabitants. We are proud to have made a contribution to this protection via our water projects.



THANKS TO OUR PROJECTS, THAT HAVE HELPED NIGERIA PROTECT THEIR NATURAL WORLD, WE WERE ABLE TO SIGN POLICY AGREEMENTS WITH THE CROSS RIVER FORESTRY COMMISSION AND THE NATIONAL PARK SERVICE IN NIGERIA. THESE MEMORANDUMS OF UNDERSTANDING ALLOW US TO WORK WITH THE NATIONAL PARK IN HELPING TO INFORM ON RESPONSIBLE STRATEGIES TO ESTABLISH MORE EFFECTIVE CONSERVATION IN THE NATIONAL PARKS. THIS IS A VERY IMPORTANT STEP FOR OUR ORGANIZATION! WE ARE PROUD THAT OUR LITTLE ORGANIZATION IS NATIONALLY ACCEPTED AS A PARTNER IN ENVIRONMENTAL AND WILDLIFE PROTECTION.



National Park Conservator Yakubu Kolo und co- directors Bruno Tenger and Dr. Kathy Wood of Tengwood Organization sign the M.o.U.

MEDIEN / BOOKS / LECTURES



“Endangered species to declare? Europe’s understudied bushmeat trade”

Article in MONGABAY.COM

<https://de.mongabay.com/2017/06/gefaehrdete-arten-zu-verzollen-europas-kaum-erforschter-buschfleischhandel/>



“LE TRAFIC DE VIANDE DE BROUSSE EXPLOSE”

(“The traffic in bushmeat explodes”)

Article (in french) in ‘Le Matin’ (a Swiss Newspaper)

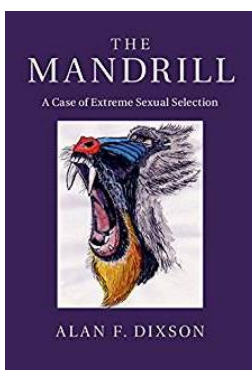
<http://www.lematin.ch/economie/trafic-viande-brousse-explose/story/10615883>

Bet You've Never Heard of This Shy, Colorful Monkey



Dr. Kathy Wood, co-director from Tengwood Organization, was featured in a National Geographic article.

<http://news.nationalgeographic.com/2016/10/animal-primate-drill-conservation-biology-mandrill/>



Findings from Dr. Kathy Wood’s dissertation research on the Drill monkey were included in the book “The Mandrill”. This book was written by Dr. Alan Dixson, a primatologist and researcher at Victoria University in Wellington, Australia, who studied mandrills in Gabon. The book also featured some of Dr. Wood’s photographs of drills.

<http://www.cambridge.org/us/academic/subjects/life-sciences/biological-anthropology-and-primatology/mandrill-case-extreme-sexual-selection>

<https://www.karger.com/Article/PDF/453297>

On June 2nd 2017, we were honored to be invited to present our projects at the occasion of the General Assembly (yearly meeting) of Aqua-pura Organization. Bruno Tenger of Tengwood Organization gave a lecture detailing the progress of our projects. We thank Aqua-pura.org and the Reformierte Kirche Opfikon for this opportunity. We were also very pleased that many visitors and friends of Tengwood were present.



EINLADUNG ZUM VORTRAG VON TENGWOOD ORGANIZATION

THEMA: SAUBERES TRINKWASSER KOMBINIERT MIT ARTENSCHUTZ
INFORMATIONEN ÜBER UNSERE TÄTIGKEITEN IN NIGERIA

WO: EVANG.-REF. KIRCHGEMEINDE OPFIKON-GLATTBRUGG
OBERHAUSERSTRASSE 71
8152 OPFIKON-GLATTBRUGG

WANN: FREITAG DEN 2. JUNI 2017

ZEIT: 20:00 UHR
(UNSER VORTRAG WIRD NACH DER GV DES VEREINS
AQUA PURA STATTFINDEN, INTERESSIERTE DÜRFEN
GERNE AN DER GV DABEI SEIN, DOCH NATÜRLICH
OHNE STIMMRECHT! GV BEGINN 19:00 UHR)

WICHTIG: DIE ANZAHL PLÄTZE SIND BESCHRÄNKT. BITTE MELDEN
SIE SICH UND IHRE BEGLEITUNG DAHER BIS AM 20. MAI UNTER
info@tengwood.org ODER widmer.roland@bluewin.ch AN!

WIR FREUEN UNS AUF EUCH!

 www.aqua-pura.org  www.tengwood.org

In addition to working on our two main projects, we were also present at various meetings in the region. Together with local partners, stakeholders, and politicians, along with international parties, strategies for the protection of Nigerian animal and plant life are developed and discussed. This is an important part of more effective conservation.

We have a very productive, constructive and interesting second year behind us. Thank you all for the support - without *you*, these projects would not be possible!!!

Projects for the Coming Year

- Priority is to complete our bush meat export study. The focus this year will be to study some of the larger bushmeat markets in Lagos and other urban centers, as well as to gather more information about the specialized export

markets. We have created a questionnaire that our field workers are using in interviews in the markets with traders and also with consumers.

-We will continue to monitor and consult on our water and education projects and look into opportunities to help other water-impooverished communities in the support zones around protected areas.

- We are creating a series of educational posters on watershed protection, illegal hunting, logging and rainforest protection, wildlife conservation and endangered species, and illegal trade and the pangolin. We will distribute these materials to various schools around Cross River's protected areas. These posters will help to raise awareness about the environment and biodiversity issues in the region.

-We will continue to participate in discussions with local and state authorities in regard to protection of nature.

WE HAVE A VERY INTENSIVE, INTERESTING AND EXCITING YEAR BEFORE US.

Information about our work can also be found on our website at www.tengwood.org and on Facebook under the group name 'Tengwood Organization'. Passive members and sponsors regularly receive the Tengwood Newsletter, and sponsors are also kept up to date with the latest reports on our work.



A HEARTFELT THANK YOU TO ALL OF OUR SPONSORS

Tengwood Organization would like to first thank our wonderful board members Benno Lüthi and Kurt Tenger, who support us free of charge and with great dedication. Thank you very much for your trust.

WE APPRECIATE ALL THE FUNDS AND KNOW-HOW THAT SUPPORTED US THROUGHOUT THIS YEAR AND HOPE THAT YOU WILL STAND FORWARD TO HELP US IN THE FOLLOWING YEARS. WITHOUT SPONSORS, IT IS IMPOSSIBLE TO CARRY OUT THESE PROJECTS.

FOR THE COMING YEAR OF 2017-2018, WE WILL CONTINUE TO INVEST OUR TIME AND ENERGY ON THE PROTECTION OF PRIMATES, IN ACTIVITIES TO HALT THE ILLEGAL TRADE IN WILDLIFE AND THEIR PRODUCTS, AND IN THE CONSERVATION EDUCATION OF LOCAL PEOPLES LIVING IN AND AROUND WILD AREAS, TO TEACH THEM HOW TO PRESERVE NATURE FOR THEIR FUTURE AND THE FUTURE OF ALL THAT SHARE THIS PLANET.

PARTNERS IN OUR BUSHMEAT STUDY:

**BERND THIES
STIFTUNG**

Marianne & Benno
Lüthi Stiftung

Maria and Kurt
Tenger

Stiftung Ormella



Berggorilla
& Regenwald
Direkthilfe

PARTNERS IN OUR CLEAN WATER FOR CONSERVATION PROJECT:



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Embassy of Switzerland in Nigeria



Wietlisbach Foundation

WEBSITE PARTNER:



PARTNER COMPUTERS:



ALL OF OUR PASSIVE MEMBERS & ALL OTHER DONORS

IN NIGERIA WE WORK TOGETHER WITH:



THANK YOU!

WITHOUT YOUR DONATIONS AND ASSISTANCE WE CANNOT IMPLEMENT OUR PROJECTS. THEREFORE, WE ARE GRATEFUL FOR ANY AND ALL SUPPORT.

Donation Information:

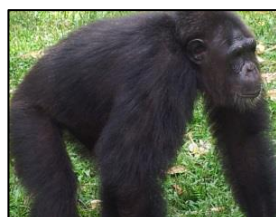
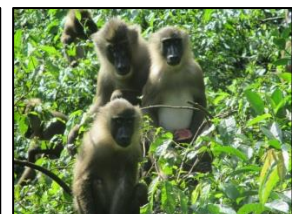
TENGWOOD ORGANIZATION
c/o Comp Tax Treuhand
Hertistrasse 26/Postfach
8304 Wallisellen

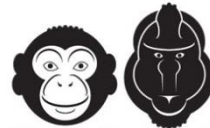
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8070 Zuerich
IBAN: CH 55 0483 5121 2960 1100 0
SWIFT: CRESCHZZ80A
Bank Clearing No: 4835

Swiss donations can also be paid by mail using this form:

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