

Conservation of Primates in the Cross-Sanaga Forests; *Saving Nature in Cameroon and Nigeria*



www.tengwood.org



WHAT IS TENGWOOD ORGANIZATION?

The Tengwood organization is trying to help save a unique forest in Africa and its wildlife.

We think you might be concerned about our environment too.

Maybe you can help us...



WE WOULD LIKE TO SEE PRIMATES LIKE THIS -
LIVING IN THEIR FORESTS...



...RATHER THAN LIKE THIS – AS VICTIMS OF THE
ILLEGAL TRADE IN WILDLIFE



About us...

Dr. Kathy L. Wood has a PhD in biology and has studied the drill for most of her professional career. She is one of a handful of people familiar with the biology and conservation of this species. After working for a number of years with *Mandrillus* species in zoos, she switched her focus to their conservation in the field. Her dissertation documented the life-history, behavior and reproduction of a large group of drills at a sanctuary in Nigeria. Her future work will focus on the status of the remaining wild populations of drills and chimpanzees in the Cross-Sanaga forest region to help to keep attention on these little-known, very endangered primates.

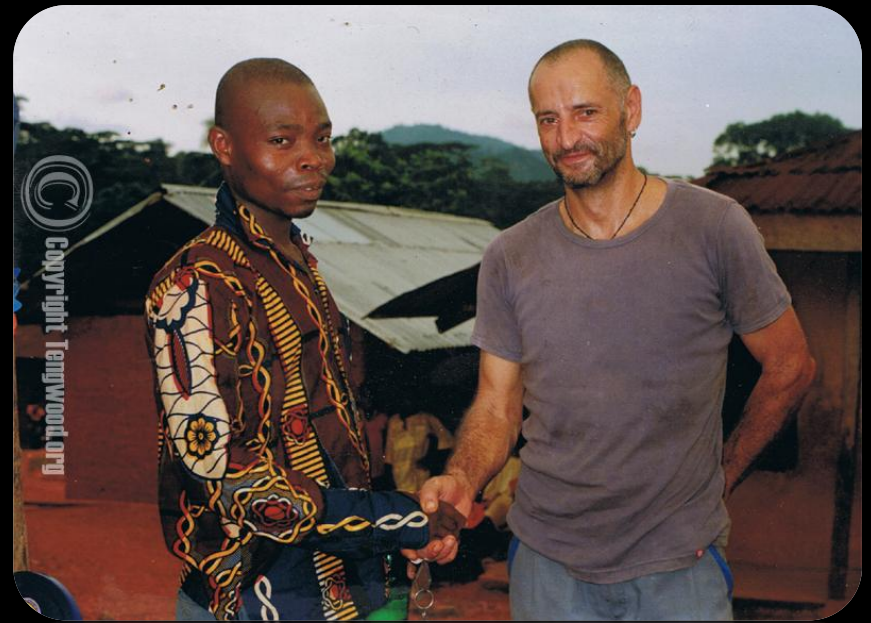
Dr. Kathy L. Wood



About us...

Bruno Tenger has worked with chimpanzees for a number of years, in Zoo Zurich and in Africa. A former businessman, he switched careers in midlife to become a dedicated conservationist. He became interested in the plight of the Nigeria-Cameroon chimpanzee after working with them in Nigeria. Most recently, his investigative work into the illegal trade network has helped to focus attention on the threats to the chimpanzee and other primates in Africa - he hopes to help put a stop to this trade via education and work with local people in finding solutions that work for both wildlife and people.

Bruno Tenger



WHAT IS TENGWOOD ORGANIZATION?

In Nigeria and Northern Cameroon, a unique area of tropical forest exists where several endangered species of primates live.



WHAT IS TENGWOOD ORGANIZATION?

The primates in these unique forests are not well-known to most people or well-studied by scientists; only a handful of people have dedicated their lives to trying to learn about them and help save them.



Take the Tengwood quiz...

Do you recognize these two primate species?



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The Chimpanzee



The Drill Monkey



The Chimpanzee



Almost everyone knows what a chimp is. In fact, chimpanzees **are very popular with people** – a fact that has contributed to their decline in the wild.

The Nigeria-Cameroon Chimpanzee



The Chimpanzee that lives in the forests of Nigeria and Cameroon is unique – it has been recognized by scientists as a distinct subspecies.

This chimpanzee is the **most critically endangered** of the 5 subspecies of chimpanzee in Africa!

The Nigeria-Cameroon Chimpanzee



There are estimated to be between 5,000 and 9,000 individuals remaining in Nigeria and western Cameroon.

Their distribution throughout their remaining forest areas and other information is not well-known.



...information about the conservation status of the Nigeria-Cameroon Chimpanzee in most of their remaining habitat is virtually unknown!

There is a serious need for more information to save these great apes...

Take the Tengwood quiz...

Do you recognize these two primate species?



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The Drill Monkey

The drill is one of the least-known primates in the world! Most people have never even seen a drill – in fact, there are only about 60 drills in zoos around the world.



The Drill Monkey

Little is known about the drill in the wild due to its shyness – it flees from humans so that very few scientists have managed to study this species in the wild.



The Drill Monkey

Many people recognize the mandrill, which is the closest relative of the drill. Mandrills are much more common in zoos than drills.



The Genus *Mandrillus*

Drills belong to the genus *Mandrillus* which consists of only two species; the mandrill and the drill monkey. They are known to be the most colorful mammals in the world.



The mandrill may have a slightly more colorful face, but both species have brilliantly hued backsides to attract females!

The Drill Monkey is **Unique**

The Drill Monkey evolved in the moist forests of West Africa and live there in large social groups.

They move through the trees, foraging for fruit, and along the forest floor searching the leaf litter for insects and seeds.



They are unique among the primates - and they are disappearing from the earth...

The Nigeria-Cameroon Chimpanzee and the Drill Monkey are two of the most endangered primates in Africa...

They are in serious danger of extinction **within the next 20 years.**

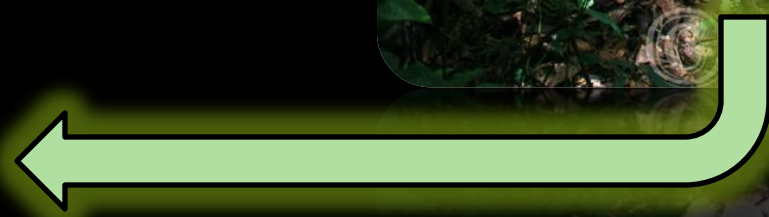


BUT WHY...?

They are losing their forests...

Due to human patterns of land use, every day forests are being lost around the world.

Without their forest home, the animals cannot survive.



Illegal and Commercial Logging



Illegal and commercial logging is one of the most serious threats to the survival of these primates.

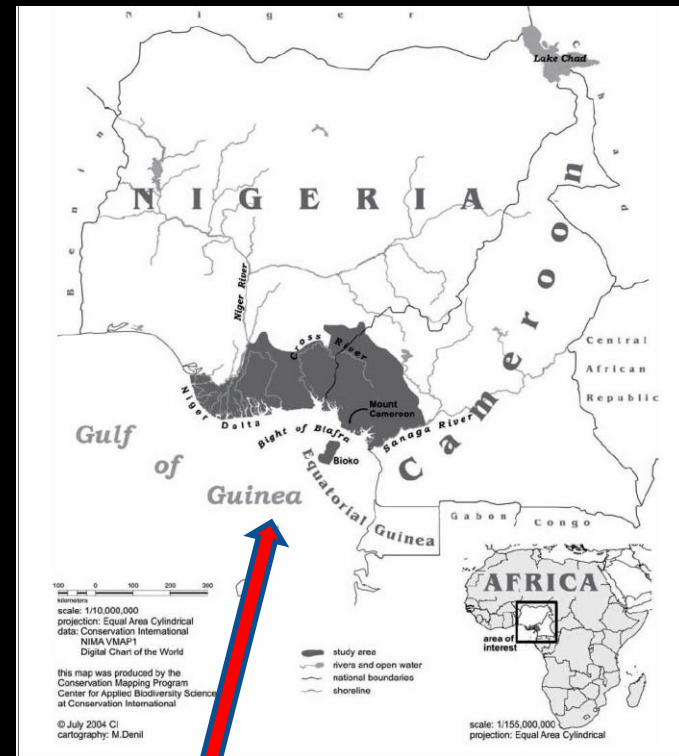


Where do they live?

The Remaining Range of the Drill and Nigeria-Cameroon Chimpanzee



In red is the remaining range of the Drill Monkey.



Highlighted in gray is the amount of rainforest that remains for these two primate species.

Biodiversity Hotspot: The Cross-Sanaga Forest Region

This forest area is located from the Cross River in Southeastern Nigeria to the Sanaga River in Cameroon



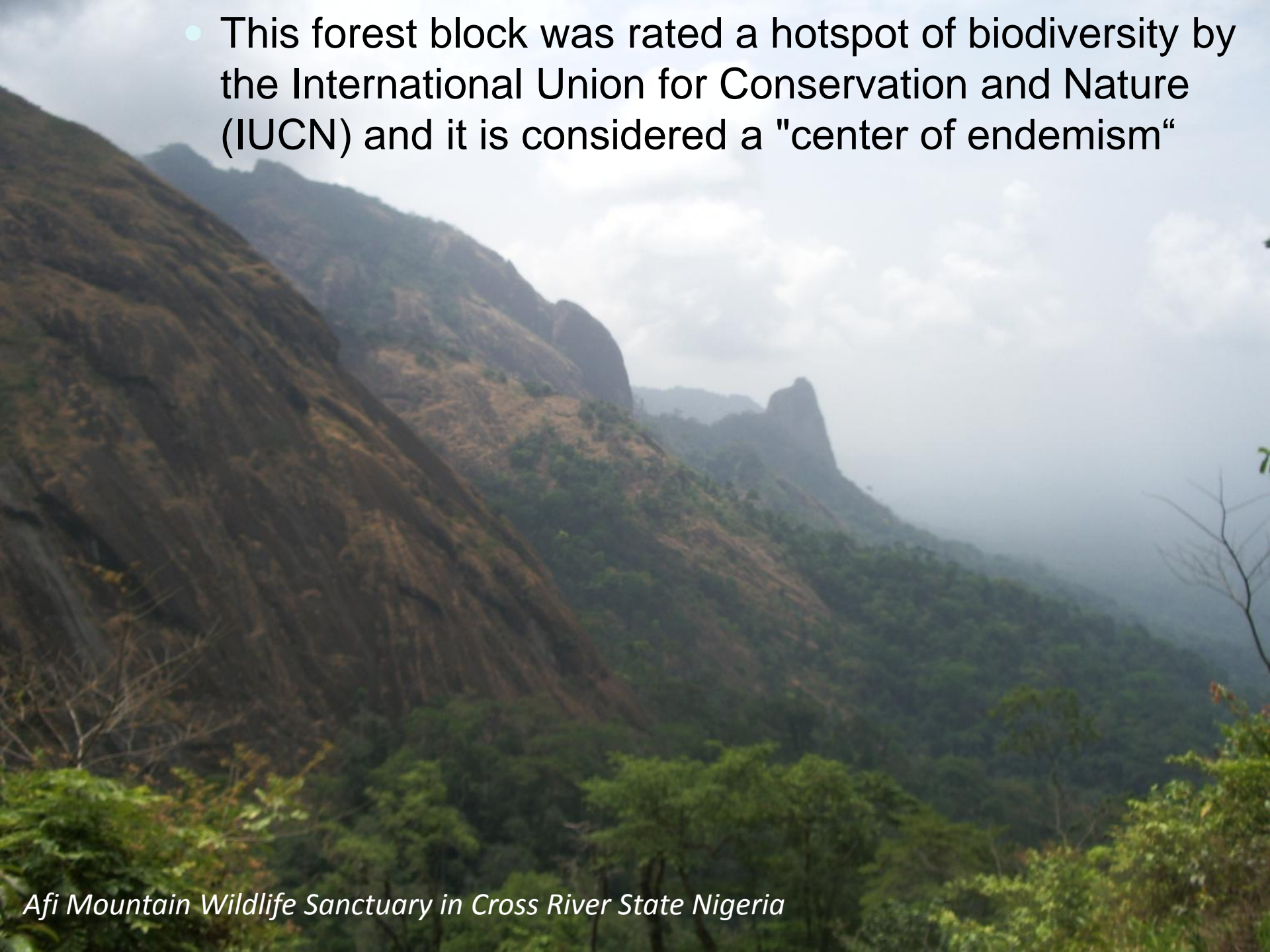
Why is this forest so special...?

- The West/Central African tropical forest block may have existed for millions of years (Grubb 1982),



Afi Mountain Wildlife Sanctuary in Cross River State Nigeria

- This forest block was rated a hotspot of biodiversity by the International Union for Conservation and Nature (IUCN) and it is considered a "center of endemism"



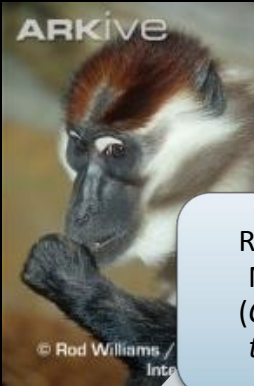
Afi Mountain Wildlife Sanctuary in Cross River State Nigeria

BIODIVERSITY

There are many species of plants and animals at risk in this special forest.



HELP US SAVE A FOREST
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Red Capped Mangabey (*Cercocebus torquatus*)



Sclater's Guenon (*Cercopithecus sclateri*)



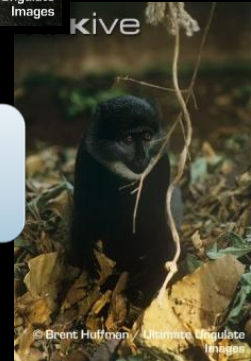
Red-eared guenon (*Cercopithecus erythrotis*)



Angwantibo (*Arctocebus calabarensis*) and Potto (*Peridicticus potto*)



Cross River Gorilla (*Gorilla gorilla diehli*)



Preuss' guenon (*Cercopithecus preussi*)



Bushbabies (Allen's, Demidoff's, and Needle-clawed))

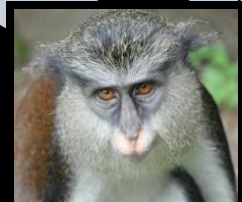
Other Primates at risk in Nigeria and Cameroon's Forests



Putty-nosed Guenon (*Cercopithecus nictitans*)



Red colobus (*Procolobus pennantii preussi*)



Mona Monkey (*Cercopithecus mona*)



Crowned Guenon (*Cercopithecus pogonias*)

And they are all losing the struggle...

The Nigerian Chimpanzee
and the Drill Monkey
are at risk from:

- Illegal hunting and the illegal trade in wildlife
- Commercial and illegal logging
- Subsistence farming



The Human Factor...

The loss of forests is due to the fulfillment of our basic human needs. Wherever we live, we all hope to live a better life...



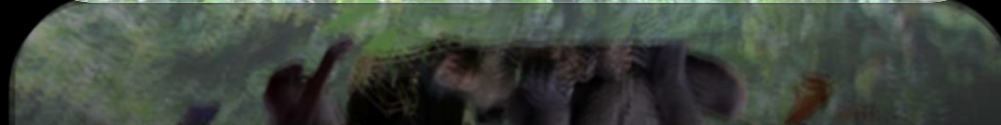
What are the solutions...?



He who would learn to fly one day must first learn to stand and walk and run and climb and dance; one cannot fly into flying.

~Friedrich Nietzsche~

Tengwood believes a more integrated approach is needed...



The future of our work in Nigeria and Cameroon...

Training and support of local people in the conservation methodologies necessary to save species is one of the most important roles for trained conservationists, zoo staff, and university researchers in more developed nations



The Future of Primate Conservation in Africa:



The staff of conservation organizations, zoos and universities in more developed nations can best be utilized to train and support the African people in learning and applying conservation methodologies.



A conservation infrastructure needs to be in place locally, and conservation organizations and government need to be working together at the habitat/landscape level.

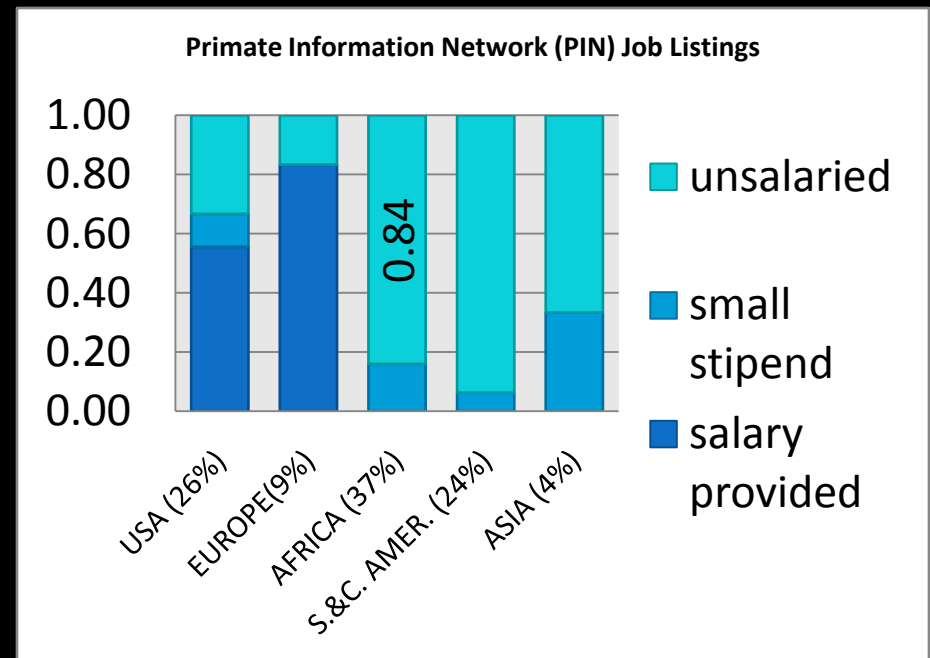


Programs within this conservation infrastructure must be staffed with people who are also willing to stay long-term in Africa, and can continue to teach the necessary methods and ideas to local talent.

The future of our work in Nigeria and Cameroon...

WE NEED YOUR HELP...!

- The majority of jobs in undeveloped countries for non-native workers are short-term, voluntary positions
- Most conservation funding sources will not pay 'salaries' (i.e. living costs) for non-native workers
- To keep a project going *inside* Africa, conservationists must focus much of their energy on fund-raising efforts based *outside* of Africa



TENGWOOD ORGANIZATION



The Tengwood Organization would like to continue with our work to help save these primates and the forests in which they live.

We will do this by returning to Africa ... and you can help us get there!

Tengwood Organization invites you to work with us...



Tell me and I forget. Teach me and I remember. Involve me and I learn.

~Benjamin Franklin~

**Help us to be a part of the solution...
Tengwood Organization would like to
return to our work in Africa...**



Join us with your support...

Together, we can be a people who help save the world for wildlife.

The Tengwood Organization thanks you for your attention!



ENDE

"We abuse land because we regard it as a commodity belonging to us. When we see land as a community to which we belong, we may begin to use it with love and respect."

~ Aldo Leopold ~