# Project Anoulak ANNUAL REPORT 2017



# **Project Anoulak**

ANNUAL REPORT 2017



### www.conservationlaos.com

# Table of Content

Foreword	4
About Project Anoulak	5
What Do We Do? Our Mission and Vision Who Are We? Where Do We Work?	6 7 7 8
Biodiversity Research in 2017	9
Primate ecological research Camera-trap survey Large-antlered Muntjac population monitoring Gibbon taxonomy with song analysis Other research in collaboration with partner institutions	10 12 15 16 17
Law enforcement in 2017	19
Conservation Education in 2017	24
Teacher Training for a Sustainable Environment and Biodiversity Conservation Educational material creation	25 30
Capacity Building in 2017	38
Major advances in Status of Project Anoulak in Laos	40
Conferences, meetings & events in 2017	43
Communication in 2017	47
Consultancy work in 2017	51
Financial Report 2017	53
Work Plan 2018	56
Acknowledgements	58
New Year's Greetings	61

# Foreword



Dear friends, colleagues, supporters, partners,

I am proud to share with all of you our fourth Annual Report that summarizes our activities implemented in 2017. Since our creation, we have continuously strived to develop and expand our actions in line with our overall goal of protecting biodiversity in the Annamite mountains. And as for the previous three years, 2017 was another busy and exciting year for Project Anoulak with the development of new programs and collaborations. Some of the highlights of 2017 include for example the elevation of our status as one of the official partners to the Government of Lao PDR to contribute to the long-term biodiversity conservation of Nakai-Nam Theun; 2017 also saw the launch of our book 'Wonders of the Annamites' in four editions, created and produced in collaboration with illustrator Eric Losh, which will raise awareness for the biodiversity of the Annamite mountains that needs our protection and attention.

We are at the very commencement and can appreciate the long road ahead towards our goal. We sense the endless potential and opportunities that the future has to offer. We anticipate the forthcoming years with eagerness, optimism and an open mind.

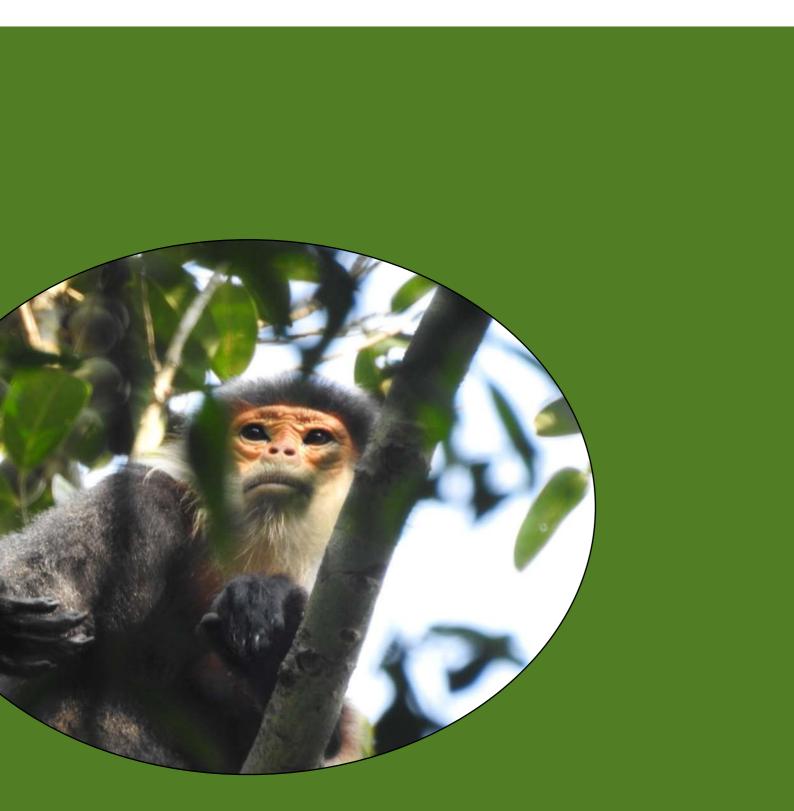
Every one of us has the opportunity to make choices for a better and sustainable future. Let's all do our part and be like the little hummingbird in this South American Indigenous story:

" [...] Little hummingbird continued her work. She flew quickly, picking up more water and putting it, drop by drop, onto the burning forest [...] And the hummingbird, without wasting time or losing a beat, looked back and said 'I am doing everything I can.' "

This marks the start of this new year 2018 that already promises to be as eventful and thrilling as ever!

Forever optimist, Camille - Founder Project Anoulak 14<sup>th</sup> January, Nakai, Laos

# About Project Anoulak



## What Do We Do?

Project Anoulak ('conservation' in Lao language) is a French-registered non-for-profit association dedicated to the long-term conservation and study of wildlife in their natural habitats in Lao People's Democratic Republic (Lao PDR or Laos), in particular in the Nakai-Nam Theun National Protected Area (NNT NPA) where we operate from our field station.



#### **BIODIVERSITY RESEARCH**

We conduct scientific research on several aspects of wildlife ecology

### CAPACITY BUILDING

We provide training and support to Lao nationals in their early career as field biologists. We are training villagers as our research assistants; they are invaluable to the success of our research

### HABITAT PROTECTION

We use active patrolling with trained rangers from the local community to protect the forest and the wildlife from illegal activities such as hunting and logging

#### **ENVIRONMENTAL EDUCATION**

We conduct conservation education activities in Nakai District to inform, engage and empower local communities in ecosystem protection. We produce exclusive educational resources such as children's books in collaboration with writers and artists

# **Our Mission and Vision**

Our **MISSION** is to develop and implement innovative, multidisciplinary and sustainable approaches to the long-term conservation and study of the biodiversity and ecosystems in Nakai- Nam Theun National Protected Area, central-eastern Laos, with a passionate and dedicated team of nationals and internationals.

Our **VISION** is the restoration of the biodiversity of NNT NPA with empowered local community as principal actors and advocates for the safeguard of the habitat and wildlife through conscious and informed sustainable livelihoods and development.

A strong, dedicated, passionate and skillful scientific community of young Lao nationals acting together for the sustainable future of Laos? forest, biodiversity, environment and people.

### Who Are We?

### **BOARD OF DIRECTORS (4 people)**



Mélanie Berthet **President** Veterinarian, Zoo Besançon



Camille Coudrat Vice-President Founder & director, Project Anoulak



.....

.....

Brice Lefaux **Treasurer** Director & veterinarian, Mulhouse Zoo



Benoît Quintard Secretary Veterinarian, Mulhouse Zoo

### LOCAL TEAM IN LAOS (34 people)



Camille Coudrat (Kham) Director & Manager Project Anoulak



Chanthalaphone Nanthavong (Tou) Coordinator & Team manager Project Anoulak

#### +Villagers from local community:

Field station keepers: 2 villagers Primate program field assistants: 4 villagers Patrol rangers: 24 villagers



Ouphakhone Souvandee (Done) **Douc program leader** Project Anoulak



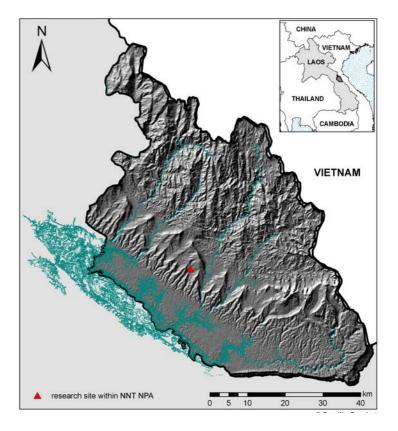
Chalor Yonyae (Chalor) Gibbon program leader Project Anoulak

### Where Do We Work?

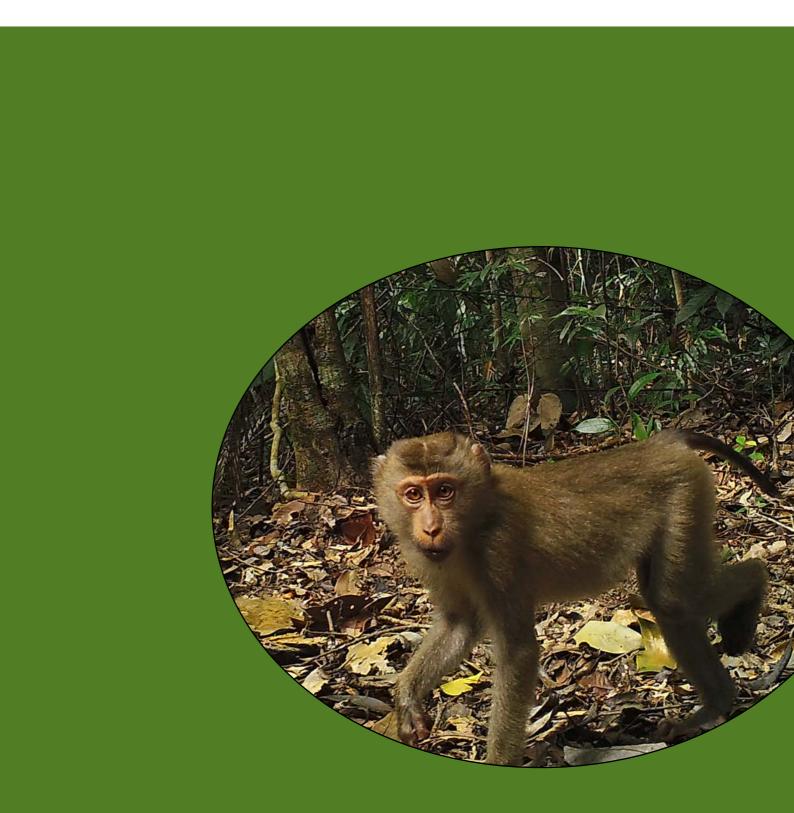


Project Anoulak works in Laos in the heart of the Annamite Mountains, a region among the most biodiverse in the world.

We work in particular in Nakai-Nam Theun National Protected Area, considered one of the most important areas for biodiversity conservation in the Indo-Burma biodiversity hotspot. In Laos, Nakai-Nam Theun is ranked as the highest priority for its National and Global biodiversity importance.

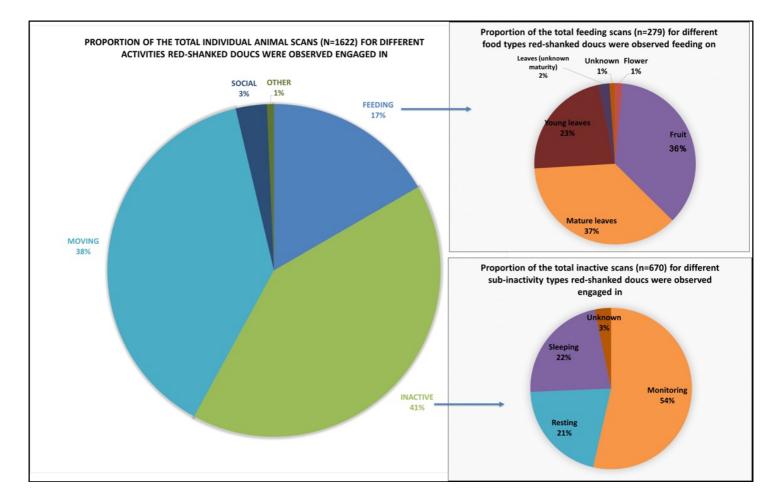


# Biodiversity Research in 2017



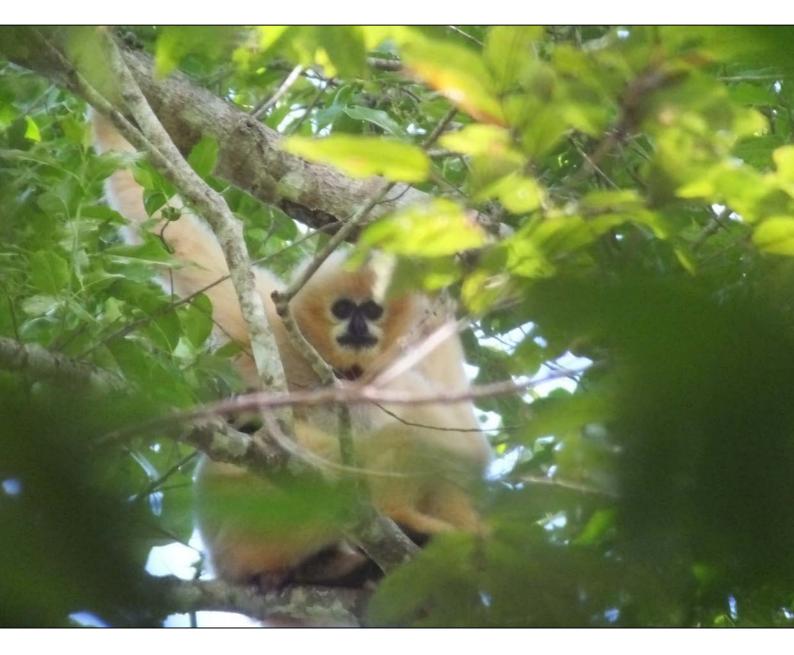
## Primate ecological research

- In 2017, our two teams Gibbon and Douc teams were active in the field every month for 20 days/month.
- Attempts to habituate a group of doucs and of gibbons have not yet been met. However, data collection on any group encountered has been ongoing, especially so for doucs, which, for some group, have become easier to observe by the team.
- The data collected on gibbons is so far too limited for preliminary analysis.
- The data collected on doucs provide us preliminary insights into the activity budget of the species.



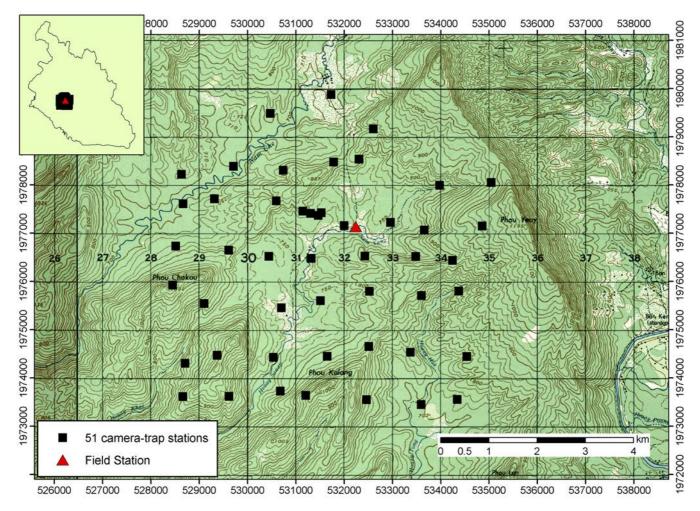
Preliminary analysis of behavioural data collected on red-shanked douc in 2017 in Nakai-Nam Theun National Protected Area.

- During the rainy season 2017 (June to September), when data collection becomes too challenging, focus by the two teams was made on patrolling the research site to deter illegal activities by poachers. The rainy season is also when an increasing number of poacher enter the forest. Our two teams started collecting data using the same format used by patrol teams so that these data can be entered in the same database (SMART database)
- We officialised a partnership between Project Anoulak and researchers from the Muséum Naturel d'Histoire Naturelle de Paris (Dr. Shelly Masi and Dr. Luca Morino) to pursue our primate research with their advice regarding protocol and data analysis. Luca Morino with two volunteer/students will be visiting our research site from February 2018 to start this collaboration



### **Camera-trap survey**

We conducted the first survey of a long-term wildlife monitoring program in Nakai-Nam Theun National Protected Area between November 2016 and February 2017, resulting in a total number of 3383 trap days.



Location of camera-trap stations in Nakai-Nam Theun from Nov. 2016-Feb 2017

- Of the species recorded during this survey, four (4) are classified as Globally Threatened and three (3) are Near Threatened on the IUCN Red List of Threatened Species
- Of particular importance, this first survey confirms the presence of the Critically Endangered Large-antlered Muntjac and its healthy population at the survey site, and occurrence of Critically Endangered pangolin species (CR *Manis javanicus* and/or CR *M. pentadactyla*)

Summary species records in number of stations where recorded and number of events (i.e. number of independent pictures\*)

IUCN Status	SPECIES	NUMBER OF STATIONS	EVENTS
	rats/mice spp	35	888
	Squirrel spp	28	128
LC	Paradoxurus hermaphroditus (Common Palm Civet)	27	154
	bird spp (non-Galliforms)	26	109
	Muntiacus spp (Muntjac spp)	24	70
VU	Macaca leonina (Northern Pig-tailed Macaque)	23	46
CR	Muntiacus vuquangensis (Large-antlered Muntjac)	17	59
LC	<i>Tragulus</i> spp (Chevrotain spp)	16	203
	Partridge spp	15	42
LC	Muntiacus vaginalis (Northern Red Muntjac)	15	25
LC	Melogale spp (ferret badger spp)	14	43
LC	Sus scrofa (Wild Boar)	13	23
	Weasel spp	11	12
	People/Domestic animals	11	19
	treeshrews spp	10	18
NT	Macaca assamensis (Assamese Macaque)	9	12
VU	Rusa unicolor (Sambar)	9	19
LC	Lophura nycthemera (Silver Pheasant)	7	9
LC	Martes flavigula (Yellow-throated Marten)	7	13
LC	Herpestes urva (Crab-eating Mongoose)	6	9
LC	Paguma larvata (Masked Palm Civet)	6	6
CR	Pangolin spp	6	6
LC	<i>Pitta cyanea</i> (Blue Pitta)	5	12
LC	Hystrix brachyura (Malayan Porcupine)	4	5
LC	Gallus gallus (Red Junglefowl)	3	3
LC	Viverra zibetha (Large Indian Civet)	3	7
LC	Macaca mulatta (Rhesus Macaque)	3	7
	Macaque spp	3	3
LC	Polyplectron bicalcaratum (Grey Peacock-pheasant)	2	2
LC	Atherurus macrourus (Asiatic Brush-tailed Porcupine)	2	4
NT	Pardofelis marmorata (Marbled Cat)	1	1
LC	Prionailurus bengalensis (Leopard Cat)	1	1
LC	Prionodon pardicolor (Spotted Linsang)	1	1
NT	Ratufa bicolor (Black Giant Squirrel)	1	1



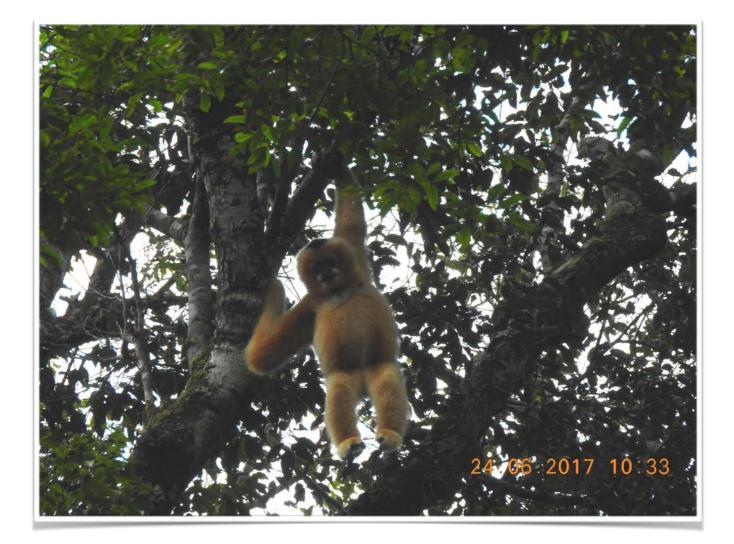
# Large-antlered Muntjac population monitoring

- We received financial support from the *National Geographic* and *Mohamed Ben Zayed Species Conservation Grant* to initiate a long-term population monitoring and habitat suitability assessment for the Large-antlered Muntjac in Nakai-Nam Theun.
- We officialised a partnership between Project Anoulak and the Leibniz Institute for Zoo and Wildlife Research's (IZW) *Junior Research Group: Biodiversity and Biogeography of Southeast Asia*, for a landscape approach across the Annamites for population monitoring of ground-dwelling species using a standardized method of camera-trapping protocols and data analysis. This collaboration will result in collaborative publications of results
- As part of our collaboration, we decided on the necessity for a training workshop of Project Anoulak staff to adopt the standardized approach for all our cameratrapping activities including for our LAM project. We attended the training workshop led by two staff from (IZW) in Ho Chi Minh City from 5<sup>th</sup> to 9<sup>th</sup> December. The workshop also included one day of camera-trap survey design and annual activity plan specifically for Nakai-Nam Theun, which will be followed in the coming years.



## Gibbon taxonomy with song analysis

- Because the geographic range limit between *Nomascus siki* and *Nomascus leucogenys* which means that the taxonomy of gibbons within Nakai-Nam Theun is still uncertain, we started a study to investigate the topic using analysis of gibbon song recordings, which are species-specific and logistically easy to collect and process. This study will be realized in collaboration with Dr. Michal Hradec from the Tcheque Republic University of Life Sciences
- We selected six sample sites to be visited in Nakai-Nam Theun: in 2017, we started data sample collection at two of them.
- Collaboration with other institutions: in the next few years, we will collaborate with other projects working across two Provinces (Khammouan and Bolikhamxay) to collect gibbon recordings in those sites as well.



# Other research in collaboration with partner institutions

Collaboration with University of San Francisco and Dr. Gretchen Coffman on the Chinese Swamp Cypress Research in Nakai-Nam Theun.

The proposed research aims to 1) conduct a comprehensive dendro-ecophysiological study of Glyptostrobus from this last natural population in Laos; 2) determine the potential current distribution of Glyptostrobus stands within NNT-NPA and identify new areas where it is possible for Glyptostrobus to have grown prior to habitat modification; 3) develop a community-based restoration.



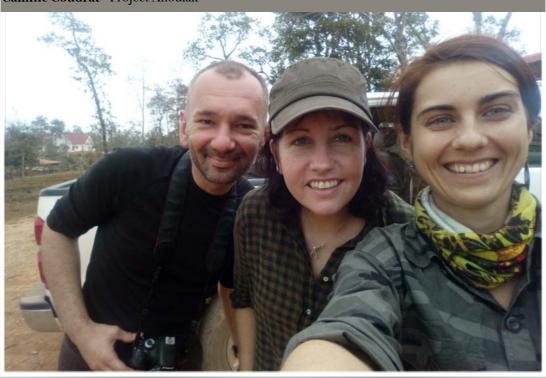
We joined a mission to the field in January 2017 to assess current status of stands population in the watershed (this after >100 trees, each over 300 years old, were cut by villagers in 2015) and explore possibilities of a restoration project. We plan to collaborate with this project in the future.

#### Collaboration with the Saola Working Group

We collaborate with the Saola Working Group, specifically on the following activities:

- Ethnological study and assessment of traditional hunting techniques of the Hmong hunters with hunting dogs in Nakai-Nam Theun: In December 2017, we joined experts from the Saola Working Group to conduct a first pilot study in Khamkheut District. A second trip is planned in 2018.

Left to right: **Marcin Matuszak -** Wrocław Zoo, Poland; **Hannah O'Kelly -** Saola Working Group; **Camille Coudrat -** Project Anoulak

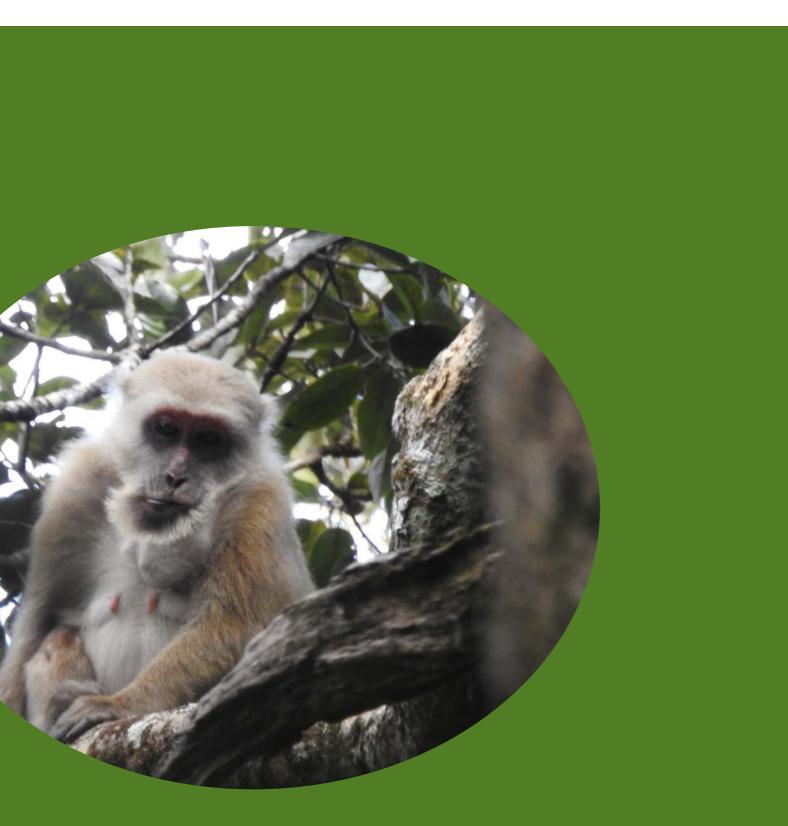


- Localized and strategic camera-trapping in Nakai-Nam Theun based on advice from expert Rob Timmins (planned in 2018)

- Experimental study in Nakai-Nam Theun on the impact of deer lures/baits to attract Large-antlered Muntjac (LAM) for potentially facilitate future captures of animals as part of the Saola and LAM capture breeding project (planned in 2018)

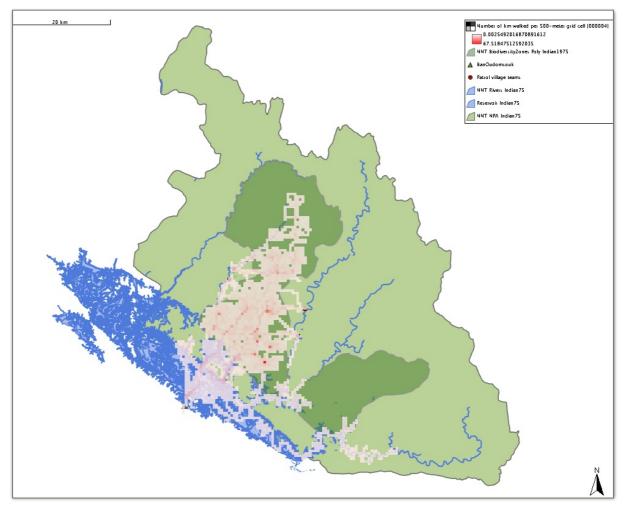
- Setting up and launching a small grant available for Lao and Vietnamese women to conduct conservation project within the Annamite mountains range *"Women for the Annamites Conservation"* 

# Law enforcement in 2017



- In 2017, our 4 patrol teams conducted *ca.* monthly patrols. Each month, the four teams combined cover an area of about 250 km<sup>2</sup>
- The data collected has been stored and processed using the software Spatial Monitoring and Reporting Tool (SMART)
- Over the past 12 months (January to December 2017), survey efforts were as follow:

Overall patrol efforts from January to December 2017			
Number of Patrols	Number of Days	Distance walked (km)	Person - Day
43	475	5559.5	2680



Patrol coverage from January to December 2017 by Anoulak's four patrol teams

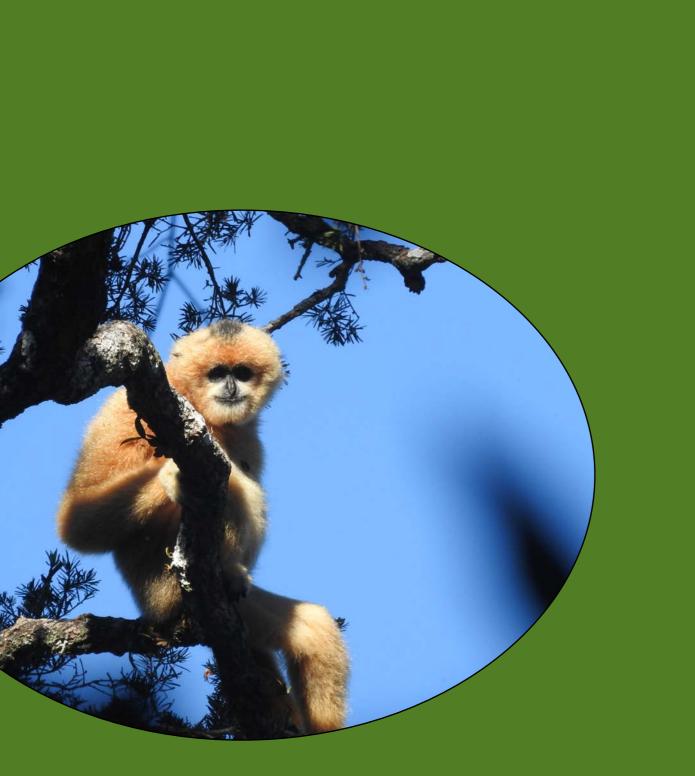
<b>Overall threats encountered from January to December 2017</b>				
	People (poachers)	Poacher camps	Weapons (snares, guns)	Timber (logs and planks)
Total count	289	108	1849	109







# Conservation Education in 2017



## Teacher Training for a Sustainable Environment and Biodiversity Conservation

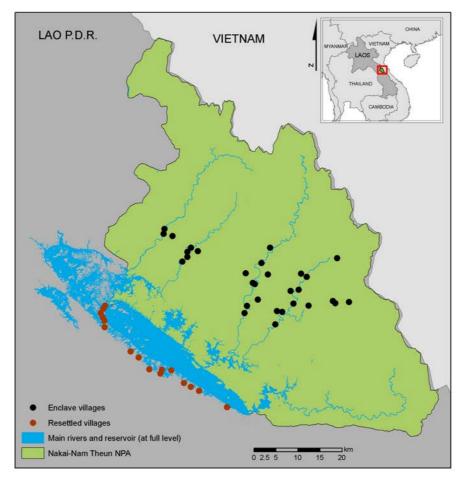
- From 20-24 February 2017, we partnered with several NGOs (StoneLion Puppet Theatre; Project Central; Creative Literacy Laos; Nam Theun 2 Power Company Environmental and Social Unit; National University of Laos [NUoL] Social and Environmental Education and Development Team [SEED]; GIZ's Promotion of Climate-related Environmental Education project [ProCEEd]) to implement a 4-day Teacher Training workshop, which included lectures but mostly hands-on learning activities and group discussions. This teacher training was conducted in Nakai District, just outside the Nakai-Nam Theun National Protected Area (NNT NPA) and brought together 95 trainees including school teachers from villages of inside and outside the protected area.
- The aim of the workshop was to train teachers and educators to teach children about environmental sustainability practices and biodiversity conservation through art, play, literacy and creativity and then apply these techniques in their classrooms from primary schools to high school students.
- The different activities covered the following themes:
  - Sustainable School
  - Clean Water and The Environment
  - Biodiversity
  - Teaching and Curriculum
  - A Community Festival



Position	Area	Number	Remark
Education district staff	Nakai District	4	
School teachers from 16 resettlement villages	Nakai District (resettled villages)	21	Including 2 Oudomsouk primary schools, lower-upper secondary school.
School teachers from 24 enclave villages	3 village clusters upstream of Nam Theun (enclave villages of the Nakai-Nam Theun National Protected Area)	48	Including teachers from 3 secondary schools and 21 primary schools
School teachers from Boualapha District	Boualapha District	6	Invited by Proceed
Happy Nakai volunteers (youth from resettled villages)	Nakai District (resettled villages)	16	<i>Happy Nakai</i> is a community development project from NTPC to empower the youth of Nakai District by providing vocational training and encourage volunteering to serve the whole community
	Total	95	Not including trainers, project coordinators and facilitators/ translators

Summary description of trainees' attendance to the workshop

Location of villages from Nakai District that were involved in this project.



• StoneLion Puppet Theatre created a puppet show specifically for this workshop featuring species from the Annamite mountains

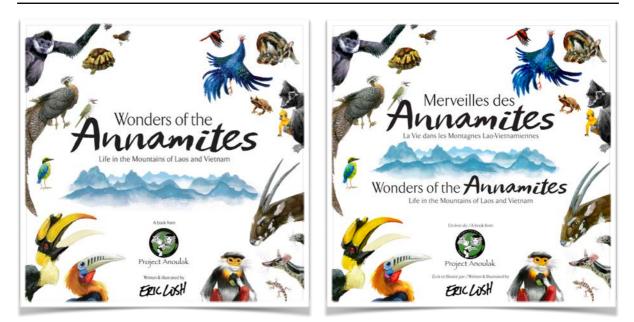






## **Educational material creation**

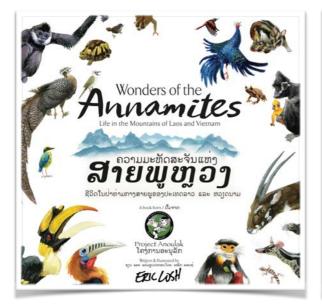
# Wonders of the Annamítes

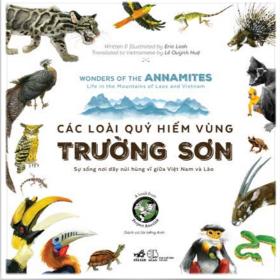


In 2015, we started a collaboration with Eric Lost to produce and exclusive illustrated story book about the biodiversity of the Annamite Mountains. The first edition in English was launched in 2016

• In 2017, we launched three new editions:

- French English
- English Lao
- English Vietnamese





- English Edition: This edition was launched with its dedicated website www.WondersOfTheAnnamites.com. It is printed and disseminated mainly in the USA, but this edition can also be ordered and shipped worldwide via the website
- French English Edition: This edition is printed and disseminated in France (and Europe). It is currently available to purchase in boutiques of a number of zoological parks (contact melanie.berthet@citadelle.besancon.fr for more information)

An English - French Edition is also printed and disseminated in Laos and Vietnam, in retail shops and special events

- English Lao Edition: This edition is printed and disseminated in Laos in retail shops, special events and through our education activities.
- English Vietnamese Edition: This edition is published, printed and disseminated by Nha Nam Publishing



### BOOK LAUNCH OF THE ENGLISH-FRENCH AND ENGLISH-LAO EDITION 5th May 2017, French Institute, Vientiane, Lao PDR

The book launch was organized in collaboration with **France Volontaires** and **Institut Français du Laos** 



BOOK LAUNCH OF THE FRENCH-ENGLISH EDITION European Federation of Primatology Conference 21-25 August 2017, University of Strasbourg, Strasbourg, France







Nam Theun 2 Power Company purchase 300 copies of the English-Lao edition to distribute to their partners

The World Bank purchase 100 copies of the English-Lao edition to give to the Ministry of Natural Resources & Environment



Promotion of the French-English edition of Wonders of the Annamites at the European Association of Zoo and Aquaria Annual meeting 2017, Emmen, NL, with the support of the Association Francaise des Parcs Zoologiques



### BOOK LAUNCH OF THE ENGLISH-VIETNAMESE EDITION 3rd December 2017, Nha Nam Headquarter, Hanoi, Viet Nam



The book launch was organized by Nha Nam Publishing

Interview by Nha Nam Publishing (photo from left to right: Mr. Van Ngoc Thinh -Country Director of WWF-Vietnam; Ms. Dang Thanh Giang - Nha Nam Publishing; Ms. Camille Coudrat - Director Project Anoulak; Mr. Eric Losh - writer & illustrator)





## Spírit of the Saola

- In 2017, we collaborated with Franco-Vietnamese artist Hoang Van Dao and writer Melody Kemp for an illustrated fiction story about the Saola, aimed at young adults
- The first draft was finalized and the text is now translated to Lao and Vietnamese
- We aim to launch the book in three editions:
  - English edition
  - Lao edition
  - <u>Vietnamese edition</u>







## Capacity Building in 2017



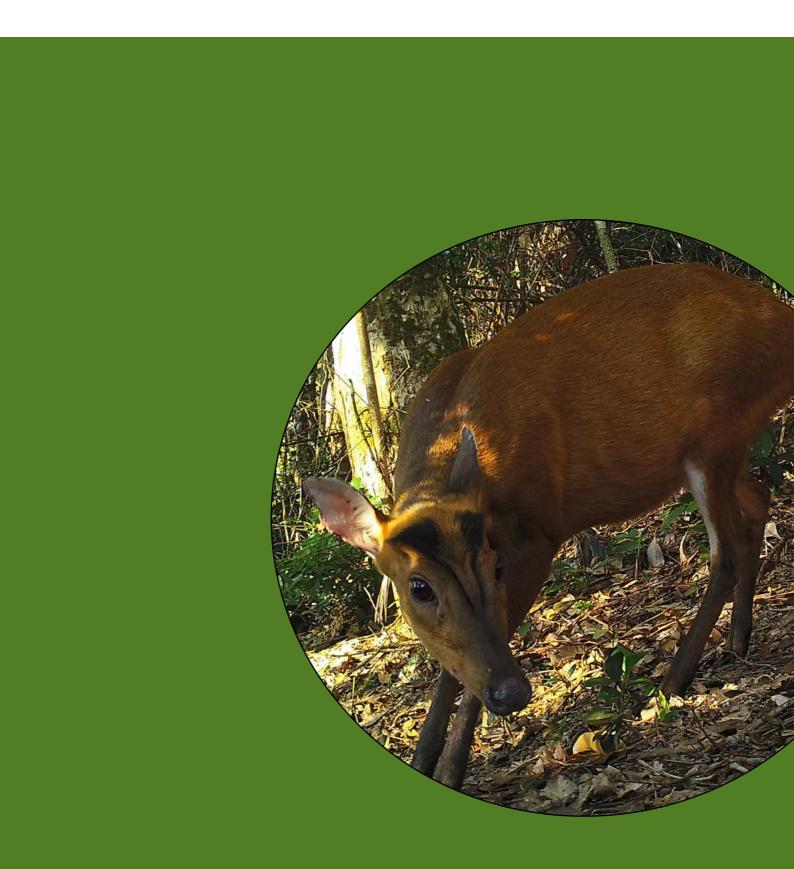
In 2017, we supported a Lao Masters student enrolled at Greifswald University in Germany. The data collection for her research on natural resource use analysis and in Nakai-Nam Theun National Protected Area was coordinated, facilitated and supported financially by Project Anoulak. She also spent a few days at our field station to get her first experience of field work and I was her co-advisor. She expresses a great interest in conducting more field work with us in the future and we will be discussing possibilities with her for the near future after she completes her degree.



 In 2017, Project Anoulak decided to provide a scholarship for University fees of a bachelor degree at the National University of Laos to Mr.
 Phoulinthone Keopaseuth who has expressed great interest to pursue a career in conservation. His father
 Mr. Khampanh Keopaseuth (on the photo) has been working in Law Enforcement in Nakai-Nam Theun for over 10 years.



## Major advances in Status of Project Anoulak in Laos

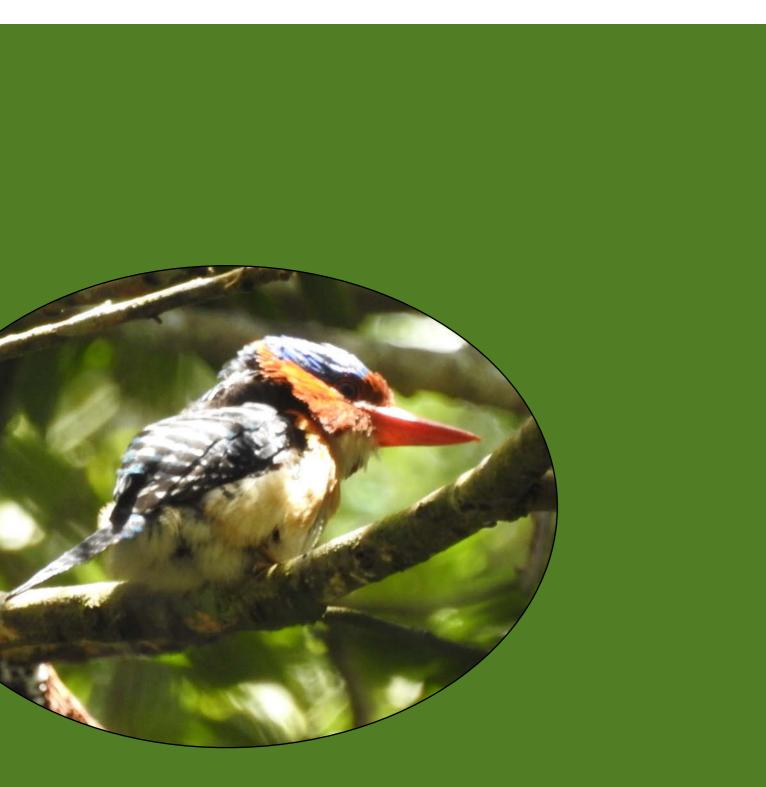


 Operation Permit: In 2017, we obtained from the Government of Laos an Operation Permit, which is the official permission paperwork for international NGOs to operate in Laos. This Operation Permit (1-year, renewable) allows us to sign a Memorandum of Understanding with our local partner the Nam Theun 2 Watershed Management and Protection Authority (WMPA), which we expect to sign in 2018.

<u>akakakaka</u> ki	INSTATION CONTRACTOR C
হাহ্যাহ্য	MINISTRY OF FOREIGN AFFAIRS No. 46 / AE.OI.3 Vientiane, 20 June 2017 OPERATION PERMIT
ଽ୲ଽଽ୲ଽଽ୲ଽଽ୲ଽଽ୲ଽଽ୲ଽଽ୲ଽଽ୲ଽ	Pursuant to the Prime Minister Decree on International Non – Governmental Organizations (INGO) No.013/PM dated January 08, 2010, The Committee on Management and Coordination of International Non – Governmental Organizations has approved an Operation Permit to : Association Project Anoulack Office in France: 15, Rue du jardin Zoologique 68100, Mulhouse Tel : (036977) 6568 This Operation Permit is valid from 20 June 2017 to 19 June 2018. Anouparb VONGNORKEO Director General
KIKIKIKI X	Department of International Organizations Head of Secretariat of the Committee on Management and Coordination of International Non – Governmental Organizations

- New administrative organization of the management authority of Nakai-Nam Theun: Nakai-Nam Theun National Protected Area is under the management of the Nam Theun 2 Watershed Management and Protection Authority (WMPA) since 2005. Part of an overall reform of the WMPA that has been on-going since 2013, a completely new administrative arrangement was set-up in 2017: the WMPA signed a contract with a Consortium of national and international NGOs for the next five years. The aim of the Consortium is to strengthen the capacity of the WMPA to ensure the effective conservation and protection of biodiversity of the Nakai-Nam Theun National Protected Area through the joint delivery of the next 5-year plan which includes five components: (1) Planning and administration; (2) Resources management and protection; (3) Biodiversity research and monitoring; (4) Community development for conservation; (5) Community outreach
- The Consortium is constituted of the following organizations:
  - Lao Wildlife Conservation Association
  - Agrisud International
  - Project Anoulak
  - Creative Literacy Laos
- **Project Anoulak** will advise and supervise the implementation of the Biodiversity research and monitoring component (as well as provide advice on other components mainly on resources management and protection and community outreach, given our current involvement in these sectors)
- The 5-year plan's Biodiversity research and monitoring has three main objectives:
  - 1. Assess population trends of target animal species. This will be carried out with
    - Camera-trap surveys for a range of terrestrial vertebrates conducted on an annual basis and will provide occupancy rates for variety of species.
    - Sign-based occupancy surveys for ungulates and threats. These surveys will be carried out in Years 1 and 5
  - 2. Conduct wildlife research that will aid biodiversity conservation and advance scientific knowledge and develop partnership with research institutes
  - 3. Build the capacity of Laos for biodiversity research and conservation best practices

## Conferences, meetings & events in 2017



 Saola Working Group meeting, Hue, Vietnam <u>28th Feb-5th March 2017</u>



- European Federation of Primatology Conference, Strasbourg, FR <u>21-25 Aug 2017</u>: Primate Conservation in the Annamite Mountains with Project Anoulak: Recent Updates and future potential
- Public presentation at Mulhouse Zoo, FR <u>14 Sept</u> <u>2017</u>: La Protection de la Biodiversité au Laos avec l'Association Projet Anoulak





● Visit of Kingersheim and meeting with the press: the cultural committee of the town of Kingersheim have been supporting the on-the-ground actions of Project Anoulak for the past 2 years with their "Fêtes de Rue" during which activities about the environment and biodiversity and in particular gibbons are offered to kids to raise awareness and funding. In 2017, the town of Kingersheim contributed with 540 € to Project Anoulak

### Soutien à l'association Anoulak au Laos

La récente fête des rues de Kingersheim revendiquait un fort tropisme écologique. C'est dans ce sens qu'une collecte y a permis de soutenir un projet au Laos, 540 € ont été remis à l'association Anoulak.

ANOULAK (le terme signifie conservation, c'est aussi un prénom font répandu au Lace) est une association créée par la biologite Camille Coudrat au Lace. Elle a pour bui de développer et de renlocrer une approche scientifique et la préservation de la biodiversité dans des montagines du Lace. Une région qui constitue l'un des écospitémes les plus riches du

mais également les pius en danger du fait de l'arcitrité humaine, notamment le braconnage. On y trouve de nombreuses espèces animales et végitales endémiques, dont le gibbon à favoris blancs. Fun des 25 primates les plus menacés sur Terte. Le Parz coologique et botanique de Mulhouse, en tant que coordinateur de l'EEP du gibbon à favo-



Baum avec à sa droite Brice Lefaux a remis un cl ciation Anoulak, PHOTO DNA

s, est três impliqué dans tés d'Anoulak. trouiller o loudrat a alnsi expliqué ts se concentre autour de in ceherche scientifique, on de son association : ts se concentre autour de in ceherche scientifique, on de lou association : tons local scientifique, on de lou association : scientifique, scientificue, scientificue la richesse de leur forté avec pour but de faire naître des vocations parmi les enfants. Gilles Baum élu municipal en charge de la culture était aux côtés de Faice Lefaax, directeur du zoo de Muihouse, pour saluer l'action d'Anoulak et lui manifester le soutien de la Ville.

#### • European Association of Zoos and Aquaria Annual Meeting, Emmen, NL 19-24 Sept 2017:

- Presentation in Gibbon TAG: Biodiversity Conservation in Laos with Project Anoulak: Progress and Updates
- Presentation in Deer TAG: Saving the Critically Endangered Large-antlered Muntjac, in Laos







• Saola Working Group Detection Task Team meeting, Zoo de Beauval, FR 25-27 Sept



• Standardized camera-trapping protocol for the Annamite Mountain range, training workshop attended, organized by the Leibniz Institute for Zoo and Wildlife Research, Ho Chi Minh City, Vietnam <u>5-9 Dec</u>



Leibniz Institute for Zoo and Wildlife Research IN THE FORSCHUNGSVERBUND BERLIN E.V.



Education & Job Fair 2017, Nakai town <u>18 November</u>. An annual event organised by the dynamic local youth group, Happy Nakai in collaboration with District and Provincial Authorities. The event brings forward people's hopes and dreams for a bright future. During the Fair, Government concerned sectors, businesses, development partners, NGOs and local people will work together to create innovative ideas and explore partnerships for an inspiring, prosperous and sustainable future



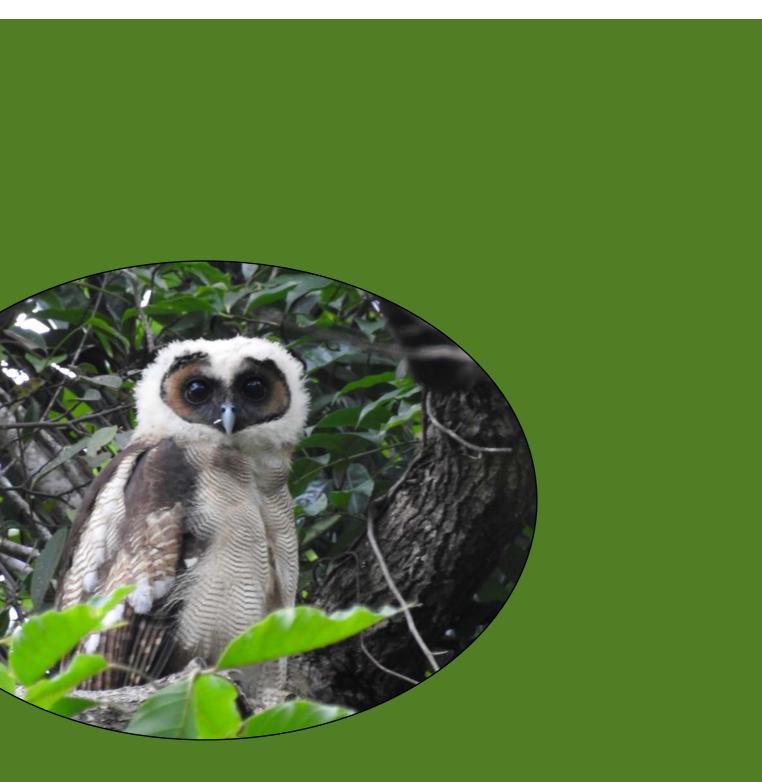








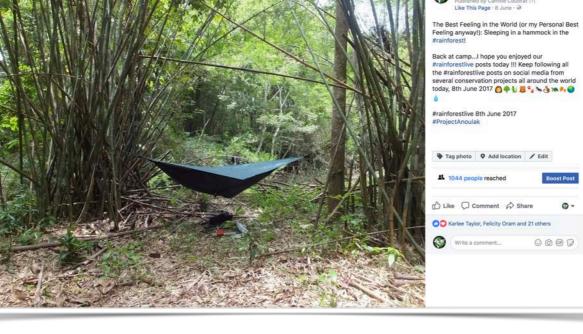
# Communication in 2017



Participation in the Rainforest: Live 2017

We posted on our Facebook Page some stories from the field !





#### Project Anoulak

ed by Camille (

udrat 📳 🛛 8 June · 🥥 Starting the day, walking through the forest with a feeling of continuous expectation. What will we be observing today?

The forest is still a world of great mysteries to us Homo sapiens; there is so much we still don't know, still don't understand, and want to discover...A world that brings awe and needs all our respect...

What the Forest will offer us to observe today is up to Her.

#rainforestlive 8th June 2017.



#### Project Anoulak added 2 new photos ed by Camille Coudrat [?] - 8 June - @

Birds and squirrels sharing resources in the #rainforestlive. There may be competition for resources in the natural world but there is no greed: each species takes only what it needs to survive. This is the key to a sustainable and well balanced ecosystem and world. We humans should learn from other animals...

#rainforestlive 8th June 2017

**#ProjectAnoulak** 





Project Anoulak added 2 new photos. Published by Camille Coudrat [?] - 8 June - @

Well well well...what do we have here?...

I have honestly no idea!! Note to self: try to find out what that Alien-looking arthropod really is!!! #rainforestlive 8th June 2017



#### Project Anoulak added 2 new photos.

shed by Camille Coudrat [?] - 8 June - 🥹

The rainy season is when we spot snakes the most often such as this beautiful pit viper!!! Pit vipers, such as this one, perch on a branch completely immobile,

waiting for an unfortunate prey.

If we respectfully observe it from afar, it will never be aggressive. They are in fact peaceful animals...... See more



#### Project Anoulak added 2 new photos $\bigcirc$ Published by Camille Coudrat [?] - 8 June - @

It is in the middle of the day in the rainforest of Laos!! This is when primates, and in particular red-shanked doucs go to sleep to digest all the food they have swallowed in the morning! Exhausting task indeed!

This is serious business: their digestive system is adapted to the digestion of a highly fibrous diet and rich in toxins. Their stomach is in itself an ecosystem where lives bacteria to help them digest and process toxins!...

Meanwhile...we have our lunch of sticky rice... #rainforestlive

#ProjectAnoulak





Lunchtime in the #rainforest of Laos!...which consists basically of sticky rice, chili & garlic...A classic!

This menu may seem a little blend ...

But living in the forest brings all your senses on high alert: spotting little odd shapes that contrast with the surrounding leaves cover; smelling scents from insects, flowers, plants and other animals; hearing the slightest movement of leaves that could indicate primates are around; feeling under your fingers the rough barks from trees; and enjoying a lunch of sticky rice-salt-chili that tastes fantastic!

Forest-life brings you back to the essence of life ...

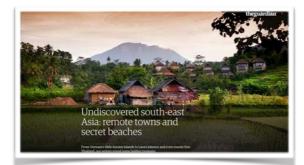
#rainforestlive 8th June 2017



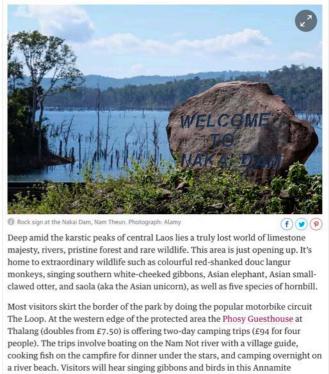
### Project Anoulak in the news

Project Anoulak was mentioned in an article in **The Gardian** about tourism in Southeast Asia.

https://www.theguardian.com/travel/2017/may/ 10/undiscovered-asia-thailand-vietnam-cambodialaos-bali-beaches-islands?CMP=share\_btn\_tw



Nakai Nam Theun national protected area



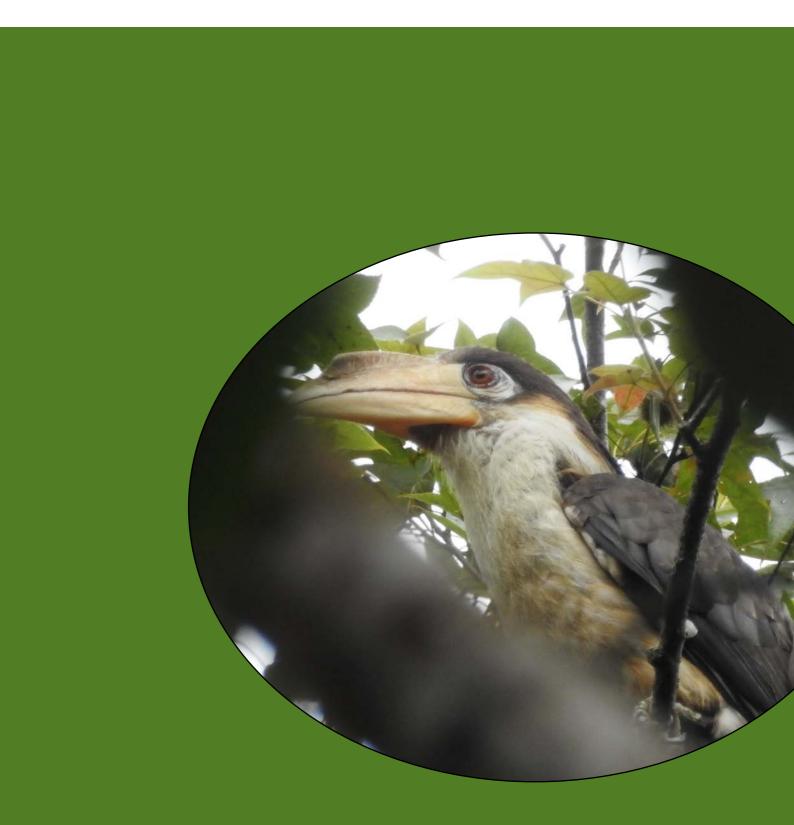
a river beach. Visitors will hear singing gibbons and birds in this Annamite wilderness in the morning before hiking to a waterfall. Project Anoulak is working to protect the rare wildlife, as are other NGOs. Look out for future ecotourism projects, a new French-built lookout and trail, and Laos' first triathlon due to take place in the area in December.



Project Anoulak made the new in the daily English language news paper **Viet Nam News** in Viet Nam about the launch of Wonders of the Annamites.

http://vietnamnews.vn/life-style/418722/a-junglebook-on-truong-son-mountainrange.html#g67SW5a6FrvXv4zT.97

## Consultancy work in 2017



- Deutsche Gesellschaft f
  ür Internationale Zusammenarbeit (GIZ)'s project "Integrated Nature Conservation and Sustainable Resource Management in the Hin Nam No Region":
  - Camera-trapping set-up field protocol: step-by-step guideline for rangers and Management Unit team and a training workshop, 27<sup>th</sup> – 30<sup>th</sup> March 2017
  - Camera-trapping data management, processing, analysis and reporting using R package CamtrapR: A step-by-step guideline for Management Unit team and a training workshop, 22<sup>nd</sup> – 26<sup>th</sup> October 2017



• IUCN SSC Primate Specialist Group Section on Small Apes: participation with a team of experts to produce a guidelines document on gibbon survey techniques and data analysis. Participation in a meeting at St Andrews University in August 2017.



## Financial Report 2017



## TOTAL SPENT IN 2017: **133,500.00 USD**

LAW ENFORCEMENT PROGRAM	\$42,618
SALARIES / COMPENSATION	\$29,803
FOOD / ACCOMMODATION	\$1,873
SUPPLIES and CONSUMMABLES	\$4,071
TRANSPORT	\$3,092
MEETINGS / WORSHOPS	\$3,234
INCENTIVES (for snare collection)	\$545

BIODIVERSITY RESEARCH AN MONITORING PROGRAM	\$53,360
SALARIES / COMPENSATION	\$20,662
FOOD / ACCOMMODATION	\$3,671
SUPPLIES and CONSUMMABLES	\$1,015
TRANSPORT	\$3,590
RESEARCH EQUIPMENT (incl. camera-traps)	\$24,421

OUTREACH AND EDUCATION PROGRAM	\$16,945
SALARIES / COMPENSATION	\$2,977
FOOD / ACCOMMODATION	\$563
SUPPLIES and CONSUMMABLES	\$183
TRANSPORT	\$329
BOOK PRINTING	\$12,894

CORE EXPENSES (CORE STAFF + ADMINISTRATIVE COSTS)	\$20,57		
DIRECTOR	\$10,200		
PROJECT COORDINATOR	\$6,000		
ADMINISTRATION	\$2,200		
CONFERENCES	\$2,176		

TOTAL EXPENSES 2017	<u>\$133,499</u>
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### TOTAL SPENT IN 2017: **133,500.00 USD**

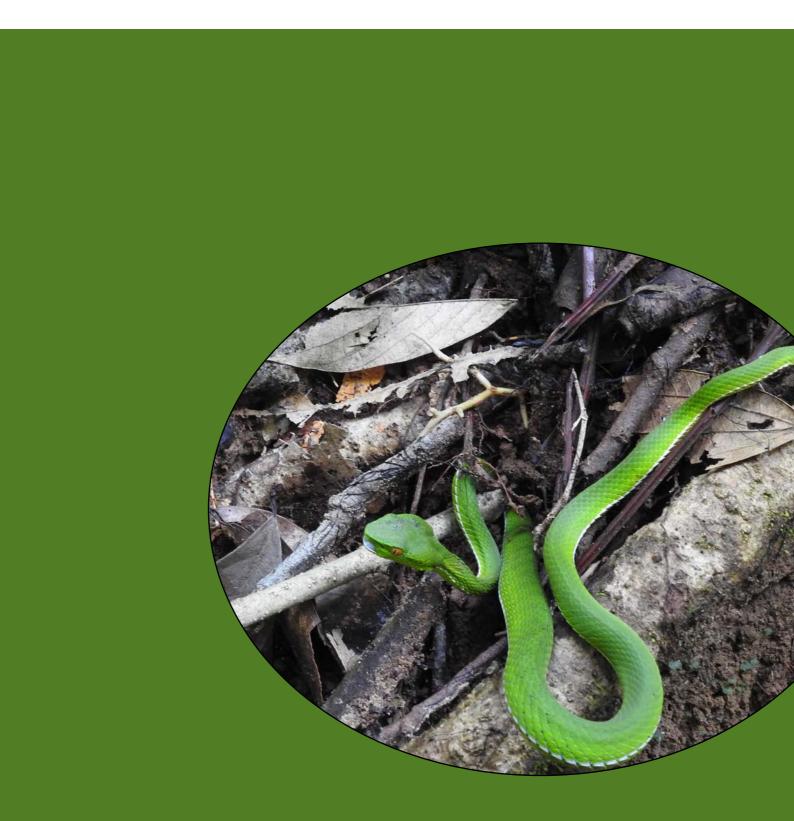
## **EXPENSES 2017**

CORE EXPENSES (CORE STAFF + ADMIN) 15%

OUTREACH AND EDUCATION PROGRAM 13% LAW ENFORCEMENT PROGRAM 32%

BIODIVERSITY RESEARCH AND MONITORING PROGRAM 40%

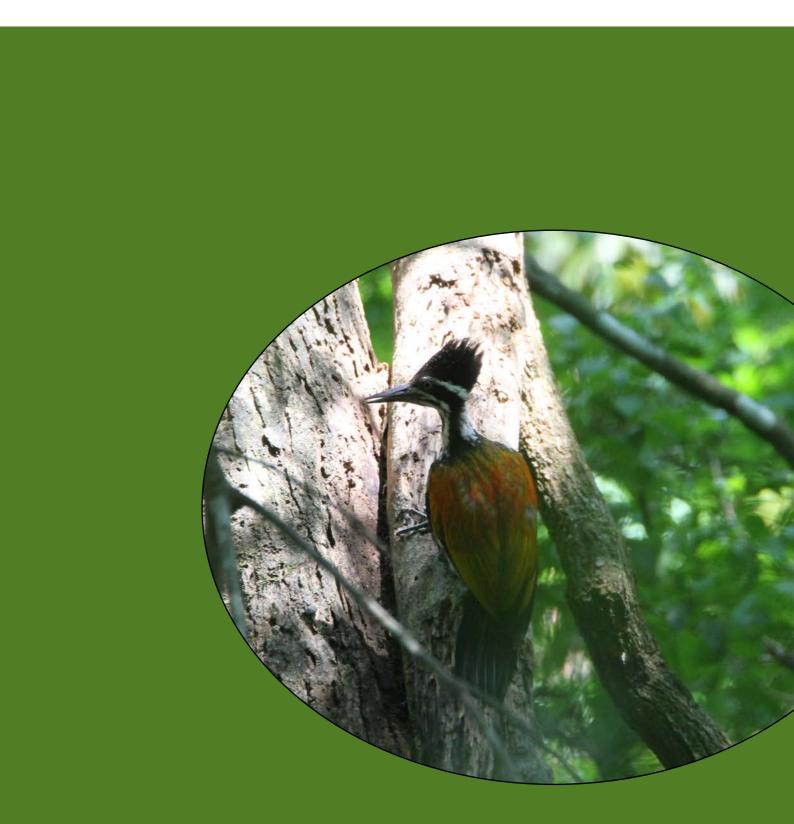
## Work Plan 2018



### Anticipated work plan for 2018

Activities planned in 2018	2018											
Activities planned in 2018	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LAV			CEMI									
Four teams: monthly patrols												
BIODIVERSITY	RES	EAR	CH &	MON	IOTIN	RINC						
Muntjac bait experiment in NNT NPA												
Gibbon song recordings in NNT NPA												
Visit of Michal Hradec to record gibbon calls in												
NNT NPA												
Large-antlered Muntjac-focussed camera-trap												
survey in NNT NPA										_		
Visit of primatologists/volunteers from France												
Primate behavioural study data collection												
Visit of professional wildlife photographer												
Tree climbing and arboreal camera-trap project												
(with Enquête d'Arbre)												
VigiLIFE Environmental DNA sample								2				
collections for long-term biodiversity												
assessment in the Annamites								-				
Otter-focussed camera-trap surveys												
Saola-focussed camera-trap surveys (with Saola												
Working Group)							_		-			
Document dog hunting techniques with												
distribution of cameras to hunters (with Saola												
Working Group)												
Hunting dogs study (second trip) (with Saola												
Working Group)												
Biodiversity monitoring: sign-based occupancy												
survey, NNT NPA * * *												
Biodiversity monitoring: annual camera-trap		-1										
survey, NNT NPA * * *												
*** Management and supervision of the Watershed M		ement	and P.	rotecti	ion Aut	thority	's ac	tivities	6			
		a contract of the second second	UILD	TOTAL COLUMN DAY								
Field course												
OUTRI	EACI	H&I	EDUC	ATIC	DN							
Spirit of the Saola': Book launch and Art												
exhibition in Vientiane												
Book parties in NNT NPA: Book distribution in		5										
remote schools												
	C	THE	R			2			. 2			
EAZA Conservation Forum, Tallinn, Estonia												

# Acknowledgements



#### OUR DONORS

We would like to express our warmest gratitude to all **our donors** who have been supporting us last year (and some previous years):



Several of our activities are implemented in collaboration with **partners**. We would like to thank them all for their trust and collaboration:





# New Year's Greetings





Our team Anoulak would like to wish all of you the best for this New (Gregorian) Year 2018

...We are looking forward to many happy moments with more collaboration, creative projects, adventure, peaceful times, compassion, wildlife, nature, art, friendship & love ...and more...



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Project Anoulak @conservationlaos Conservation Laos Association Projet Anoulak 51, Rue du Jardin Zoologique 68100, Mulhouse, FRANCE

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Contact email: camillecoudrat@gmail.com



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