




Borneo
Nature
Foundation

Borneo Nature Foundation






MOTHER GRACIA AND
HER INFANT GARA. WITH
JUST 57,000 BORNEAN
ORANGUTANS REMAINING IN
THE WILD, EACH INDIVIDUAL
COUNTS.

Rainforests in Crisis

Kalimantan in Indonesian Borneo is home to thousands of Critically Endangered Bornean orangutans, the Endangered white-bearded Bornean gibbon, several kinds of wild cat, and countless other threatened and iconic species. However, rainforest habitats are disappearing, flattened to make way for plantation agriculture or swallowed up by rampant wildfires, intensified by climate warming. Unless things change—and fast—we stand to lose $\geq 80\%$ of the Bornean orangutan population over just three generations. A fellow great ape and one of Asia's most striking animals, orangutans are in dire need of our help.



MANY RAINFOREST-DWELLING SPECIES, LIKE THIS ENDANGERED BORNEAN WHITE-BEARDED GIBBON, ARE STRUGGLING FOR SURVIVAL.

Our Mission

At the Borneo Nature Foundation, we work to protect, maintain and enhance Kalimantan's rainforest ecosystems, the biodiversity therein and the benefits this provides to local communities. This is achieved through programmes of habitat protection and restoration, research, education and community development, supporting government and university partners, and collaborating with industry and community stakeholders to develop sustainable conservation initiatives



Where We Work



CENTRAL KALIMANTAN

BARITO ULU

RUNGAN

SEBANGAU

SEBANGAU

- **CONSERVATION PROGRAMME**
Research driven conservation; hydrological monitoring and dam building in canals in the peat swamp forest to prevent peat drainage; reforestation through replanting peatlands that have been damaged for various reasons; community participation in conservation efforts; developing forest conservation education and training activities; community nursery development; socialisation and training on forest and land fire prevention for the local community; organising forest patrols with the community.
- **EDUCATION PROGRAMME**
Conservation class on themes and activities such as Gibbon Goes to School, Gibbon Youth Campaign, involving volunteers in education related activities (in Palangka Raya City); organising events and activities through Anak Sebangau and Sebangau Rangers Youth Communities, as well as organising Gibbon Youth Campaign (in Kereng Bangkirai).
- **VISIT AND FIELD COURSES**
International field courses; International school visit at Sebangau Forest Research Station.





BARITO ULU

- Tropical forest survey
- Expedition
- Research center development
- Data sharing and publication
- Knowledge and experiences sharing
- Promoting of Kalimantan biodiversity



RUNGAN

- **KECAMATAN RAKUMPIT**
Forest patrol research in KHDTK; community empowerment in the form of fishery cultivation in Panjehang and Petuk Berunai Villages as well as the development of home food gardens in Bukit Sua; social forestry by initiating the *Masyarakat Hukum Adat* (Customary Law Community) in Mungku Baru, as well as social forestry licensing assistance in Panjehang, Bukit Sua, Petuk Berunai and Mungku Baru; Conservation Class and Gibbon Youth Campaign;
- **KECAMATAN BANAMA TINGANG**
Community Development: post social forestry permit assistance in Tambak Village through kelulut honey cultivation and clean water management.

ACTIVITIES OUTSIDE THE LANDSCAPE

- **COMMUNICATION ACTIVITIES**
Organizing BNF Talks regularly twice a month, in the form of dialogues on themes related to conservation and the environment; building national and international public awareness about the importance of conservation of forest ecosystems and biodiversity of Kalimantan through events, products and communication both online and offline; developing communication networks across media and stakeholders; conducting public awareness campaigns on programs and issues of concern to BNF;
- **ORANGUTAN CARING SCHOLARSHIP**
Facilitating the selection of orangutan care scholarships (OCS) for forestry and agriculture students of The University of Palangka Raya.
- **COOPERATION FOR CONSERVATION AND RESEARCH ACTIVITIES**
Developing partnerships with relevant stakeholders and in carrying out conservation and research activities, including:
 1. Developing partnerships and collaborations with respect to conservation programs with the Central Kalimantan Provincial Government, Nature Conservation Agency (BKSDA) Kalimantan Tengah, City Government of Palangka Raya, Sebangau National Park Authority and the Regional Government of Pulang Pisau.
 2. Developing research collaboration with the Faculty of Forestry of Muhammadiyah University Palangka Raya, University of Palangka Raya, UPT-LLG CIMTROP University Palangka Raya, Palangka Raya Christian University; University of Exeter; University of Leicester; and Oxford Brookes University.

What We Do – Major Programmes

1

BRINGING BORNEO TO BRITAIN (AND BEYOND!)

BNF is a foundation of two halves: Yayasan Borneo Nature Indonesia and BNF International, its multi-national counterpart. The Yayasan is a legally registered charity based in Indonesian Borneo, providing direction for and implementing our conservation, education, research, outreach and stakeholder engagement activities on the ground. Borneo Nature Foundation International is a not-for-profit company registered in the United Kingdom. BNF International obtains funding for the Yayasan and its research objectives, provides technical support and guidance through a network of scientific experts, and promotes our work on a global scale. Our Public Fundraising group has branches in the UK, Spain, France and the Netherlands, with view to expand in Germany, Switzerland and New Zealand in the coming years. In the UK, we are growing engagement capacity, taking advantage of local partnerships to deliver public outreach events and environmental education for British schools and universities.

2

'ONE MILLION TREES' CAMPAIGN

In late 2019, we launched our 'One Million Trees' campaign, raising funds to support our ambitious target to reforest burnt regions of the Sebangau National Park and other critical zones. Devastating fires in 2015 and 2019 destroyed vast swathes of peat-swamp forest, home to the largest protected orangutan population in the world. To aid habitat recovery, BNF is establishing community nurseries in villages bordering the National Park, growing trees to be planted and monitored. Already, families are benefiting from this scheme, supplying tens of thousands of saplings each year towards our 2025 goal of one million trees.

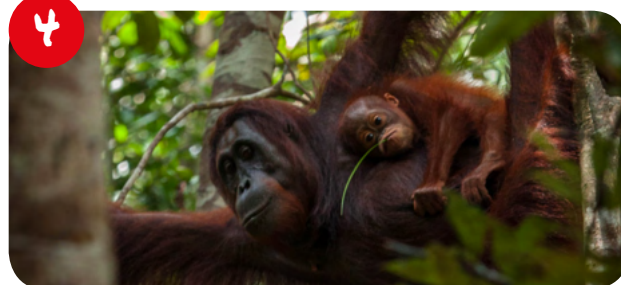


3

PREVENTING FOREST FIRES

To mitigate the effects of future wildfires, we are protecting and restoring over 50,000 hectares of forest in the critical northern region of Sebangau National Park. Community Patrol Teams help prevent illegal logging, hunting and electric fishing, and our new MPA Units (Communities Preventing Fires) patrol and extinguish any fires they come across. In the forest's interior we are blocking old drainage channels, dug by illegal loggers, in order to keep the peat-swamp wet and fireproof. All these activities are coordinated with the Sebangau National Park authority and regional agencies to ensure an integrated, collaborative approach and sponsor a network of firefighting teams.

4



ASSESSING STATUS OF KEY ENDANGERED SPECIES IN KALIMANTAN

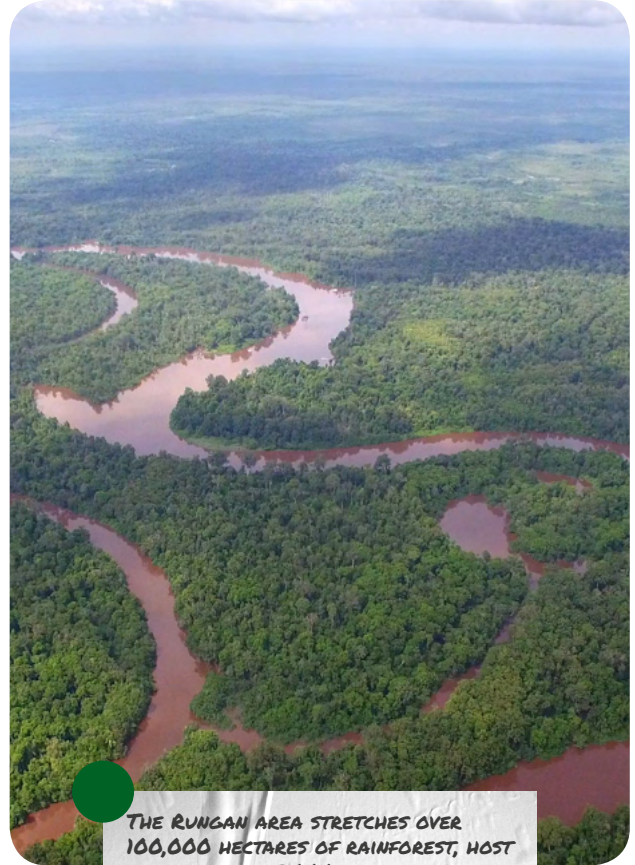
Besides orangutans, our scientists study many other endangered species in Kalimantan, including wild cats, gibbons, birds and sunbears. In 2020, we also commenced riverine surveys of crocodilians and proboscis monkeys, further expanding our remit. BNF recently began compiling historic data which, combined with new surveys, allows us to make assessments of the diversity, distribution, abundance and conservation status of many endangered species in southern Borneo. Through this, we aim to present information on critical hotbeds of biodiversity and encourage a more rounded approach to conservation in Central and West Kalimantan.

5

EDUCATION

The Sebangau research camp, with its excellent facilities and a network of forest trails through Sebangau's awe-inspiring landscape, is the perfect place for young people to connect with nature. We regularly bring children here from the local village through our popular Anak Sebangau (Children's Club) and Sebangau Rangers programmes, as well as international students and school groups as part of our Kelas Konservasi (Conservation Class). Every two years, BNF hosts the Borneo Initiatives Youth Conference, bringing students and NGOs together to discuss conservation challenges and how we can overcome them. Furthermore, we are embarking on an exciting new project to build a centre for our community initiatives, including the Anak Sebangau and Sebangau Rangers activities.

CHILDREN ARE THE FUTURE: OUR EDUCATION PROGRAMME TARGETS YOUNG PEOPLE LIVING IN AND AROUND SOME OF BORNEO'S MOST BIODIVERSE FORESTS, ENGENDERING PRO-CONSERVATION ATTITUDES AND BEHAVIOURS



THE RUNGAN AREA STRETCHES OVER 100,000 HECTARES OF RAINFOREST, HOST TO MORE THAN 3,000 ORANGUTANS ACROSS A MOSAIC OF HABITATS.

6

HABITAT PROTECTION IN THE RUNGAN LANDSCAPE

The Rungan landscape is one of the largest unprotected areas of forest remaining in the Bornean lowlands, important not only for biodiversity conservation but also for supporting the livelihoods of indigenous Dayak people. To protect the Rungan forest, we have joined forces with government partners to promote the expansion of their Social Forestry initiative, whereby villages can claim management rights over their land and sustainable use of its resources. We aim to create five to ten new community forests in Rungan, connecting these areas to form large, contiguous forest blocks for protection. We recently initiated long-term multi-disciplinary research projects at our new site in the Rungan Special-Purpose Forest (KHDTK), which should produce exciting results for our conservation management strategies. Elsewhere in Rungan, we make recommendations to industry stakeholders to maximise habitat connectivity and the preservation of valuable forest for both biodiversity and communities.



RESEARCH EXPEDITIONS IN THE HEART OF BORNEO

The Heart of Borneo is one of the world's last great frontiers of tropical rainforest, reaching across much of the island's length and breadth. In Central Kalimantan, headwaters of the mighty Barito River drain through some of the most biodiverse forests in the province; however, they are threatened by commercial development, including coal mining. In response, BNF is forging a partnership with local government bodies and the Heart of Borneo Working Group to map, survey and promote conservation throughout the district. In doing so, we have initiated a major fact-finding expedition, with a strong media focus to establish our charitable presence, leading on a long-term commitment to the protection of Kalimantan's last truly wild places. BNF is also working to establish the Kalimantan Wild Cat Initiative, assessing populations of Borneo's five wild cat species—the bay cat, the leopard cat, the flat-headed cat, the marbled cat and the clouded leopard—to draw up a formal action plan for their conservation.



RESEARCH FOR CONSERVATION

BNF's scientists are leading experts in the ecology of Borneo's rainforests, and we have a solid foundation of local collaboration and research training, which includes partnering with five Indonesian universities. As of 2020, we are building on these foundations by compiling data to publish major analyses of the impacts of human activities and conservation initiatives on forest health. We have also started developing a new carbon monitoring framework and are engaging with partners on a major new research project to understand the drivers and effects of peatland fires. As in all our research, we work in close collaboration with local scientists, students and research staff to build capacity, strengthening the future of scientific research in Indonesia.



INNOVATIVE NEW TECHNOLOGIES

Our scientists are pioneers in orangutan nest survey techniques and last year we began matching these ground skills to aerial, drone-based surveys. Aerial surveys will improve the scale and efficiency of our research, allowing us to spot nests and, with the help of thermal imaging cameras, locate orangutans deep in the forest. These novel techniques will increase our knowledge of orangutan distribution in Kalimantan, informing conservation priorities and delineation. Thermal technology has further implications for our firefighting teams, who can now pinpoint hotspots and track the movement of fires even through a blanket of thick smoke. Aerial seed dispersal is also underway, cutting down on reforestation time costs.



COVID-19 - INNOVATION IN THE FACE OF ADVERSITY

Despite pandemic barriers to in-person engagement, our education and outreach teams were active throughout. BNF also used this period of international restrictions to diversify our virtual resources, so everybody can have the chance to learn about Borneo's remarkable forests and our conservation initiatives. In July, we hosted our fifth Rainforest: Live, a day of social media activity bringing live wildlife sightings to millions of participants around the world. This annual event is designed to give people a taste of what it is like to explore a thriving jungle ecosystem. Finally, we developed a free digital reader for our 'Little Gibbon' storybook, available in both Bahasa Indonesia and English, making primate conservation accessible to children in Borneo and beyond.



ABOUT US

BORNEO NATURE FOUNDATION



Borneo Nature Foundation (BNF) comprises Yayasan Borneo Nature Indonesia and its sister organisation, BNF International. BNF is a not-for-profit conservation and research organisation, working to protect some of the most important areas of tropical rainforest, and to safeguard the wildlife, environment, and indigenous cultures of Borneo. Throughout our programmes, we support and empower community-led initiatives to protect forest and biodiversity, including anti-logging patrols, fire-fighting teams, environmental education and the replanting and restoration of damaged forests; all built on a strong foundation of rigorous scientific research. BNF makes major contributions to action plans and strategies for conservation, and we work on a variety of conservation measures to protect wildlife and their habitats. As an NGO, we rely on public donations and grants to carry out our research and conservation planning. Thank you for helping us secure a future for Borneo's wildlife!



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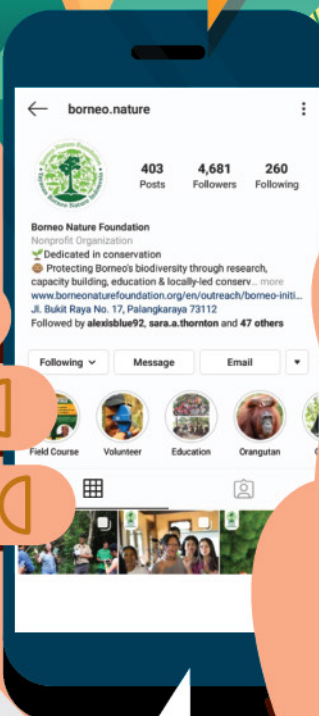
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