

sarawak
where adventure lives

Adventures in Conservation

Play your part in
conserving
the **EARTH**





Green Crested Lizard (*Bronchocela cristatella*)
Semenggoh Wildlife Centre
Photo by Michael Tsan

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Malayan Pangolin (*Manis javanica*)
Semenggoh Wildlife Centre
Photo by Michael Tsan

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A vibrant photograph of a Rhinoceros Hornbill perched on a branch in a dense, green forest. The bird has a large, colorful beak with a red tip and yellow-orange base, and a white patch around its eye. The background is filled with tall trees and a wooden boardwalk winding through the forest.

Rhinoceros Hornbill (*Buceros rhinoceros*)
Niah National Park
Photo by Michael Tsan

ABOUT

SARAWAK FORESTRY Adventure in Conservation Program

SARAWAK FORESTRY is the custodian of Sarawak's National Parks and other Protected Areas. We have created a selection of fascinating, unique and totally hands-on adoption programs, conservation programs, educational programs, eco-tours and wildlife encounters. These activities are designed to enhance understanding of tropical ecosystems, wildlife and biodiversity and raise awareness of the need for long-term, sustainable solutions to conserving our natural environment. However, they are also designed to be interesting and enjoyable, allowing you to have fun while you make a personal and meaningful contribution to wildlife conservation.

Your contribution is not only personal – it is also financial. 100% of the visitor fees for all of the activities described in this brochure are channelled directly to SARAWAK FORESTRY's Wildlife Conservation Fund, a fully ring-fenced fund that is used solely for our many wildlife conservation activities, including orangutan rehabilitation and research, marine turtle conservation, awareness programs and educational outreach activities.

SEA TURTLE CONSERVATION PROGRAM

Sea Turtles are among the world's longest lived animals, with a life expectancy of more than 100 years. Graceful swimmers who spend most of their lives underwater, they are so perfectly adapted to their natural environment that they have survived almost unchanged since the Triassic Period. However, after 100 million years of continued success, they are now facing environmental challenges that threaten them with extinction.

Fortunately the sea turtles still have a fighting chance, and you can contribute directly to their long-term survival through the Sarawak Sea Turtle Conservation Program.

The islands of Talang Satang National Park make up one of the most important sea turtle nesting sites in Southeast Asia, with hundreds of female turtles coming ashore to lay their eggs from May to September every year. This is where you can make a difference, by giving up four days of your valuable time to help us conserve future generations of these fascinating marine reptiles.

Activities

You will take part in a full range of conservation activities, including:

- ▶ Beach patrols to locate turtle landings
- ▶ Monitor sea turtle nesting activities
- ▶ Tagging and measuring sea turtles
- ▶ Transferring eggs to turtle hatchery
- ▶ Releasing of turtle hatchlings
- ▶ Data recording and on-site conservation activities

Objectives

We want you to take part in this program not only to assist us, but also to pass on what you learn to the greater global community, especially:

- ▶ Your heightened awareness of the importance of sea turtle conservation
- ▶ Your hands-on knowledge and experience of sea turtle conservation
- ▶ Your appreciation of the pristine marine environment of the islands

Benefits to participants

You will derive many personal benefits from your participation, including:

- ▶ Unforgettable encounters with a 100-million-year old marine species
- ▶ Free time spent enjoying an idyllic sand-fringed tropical island
- ▶ Forging new friendships with fellow volunteers and conservation staff
- ▶ The satisfaction of knowing you have personally contributed to a valuable conservation project



Collecting hatchlings for releasing



Measuring and tagging sea turtles

Itinerary

(may be adjusted to suit weather conditions)

DAY	TIME	ACTIVITY
Day 1	1400 hrs	Arrival at Pulau Talang Besar Welcome briefing by Park Warden "Get to know you" session Free at leisure until dinner
	1900 hrs	Dinner Roll call by Park Warden Technical briefing
	2100 hrs	"Turtle Watch" on nesting beach
Day 2	0800 hrs	Breakfast Free at leisure until lunch
	1200 hrs	Lunch Turtle management activities at Pulau Talang Talang Kecil
	1400 hrs	"Beach Work" conservation activities
	1900 hrs	Dinner & roll call
	2100 hrs	Hatchery management activities
Day 3	0800 hrs	Breakfast Free at leisure until data recording activities
	1200 hrs	Lunch Snorkeling to view sea turtle environment
	1400 hrs	Hatchery management activities
	1900 hrs	Dinner & roll call
	2100 hrs	Adopt-a-Turtle session
Day 4	0800 hrs	Breakfast "Let you know" session (summing-up and final briefing)
	1000 hrs	Farewell and have a safe journey home



Heart2Heart
WITH ORANGUTAN

Although the Bornean orangutan (*Pongo pygmaeus*) shares 97% of our DNA, it is a highly endangered species due to habitat destruction, indiscriminate hunting and the illegal wildlife trade. One of the most effective strategies for conserving orangutans is rehabilitation, where orphaned and illegally captured orangutans are taught how to survive in the natural environment and subsequently reintroduced to protected habitats. Sarawak has been rehabilitating orang-utans since the 1970s, but it is an expensive and time-consuming process.

This unique initiative allows busy people to gain a deeper understanding of the challenges faced and to actively participate in orangutan conservation by compressing a variety of education and conservation activities into a single day. It is ideal for associations and corporate groups, as well as families with older children.

Participants learn from a dedicated team of SARAWAK FORESTRY experts about the challenges of orangutan rehabilitation, get to work hands-on performing everyday conservation activities at Matang Wildlife Centre, then transfer to Semenggoh Wildlife Centre to see the results of successful orangutan rehabilitation. All participants receive a certificate acknowledging their contribution to Sarawak's orangutan conservation programme.

Itinerary

TIME	ACTIVITY
0830 hrs	Arrival at Matang Wildlife Centre Registration
0900 hrs	Welcome briefing by Centre Manager "Get to know you" session
0930 hrs	Wildlife rehabilitation tour Orangutan conservation work: cage cleaning, food preparation, enrichment program, etc. Photo session Presentation of Certificates
1200 hrs	Lunch
1400 hrs	Transfer to Semenggoh Wildlife Centre to view rehabilitated semi-wild orangutans
1530 hrs	Meet the orangutan family
1630 hrs	Farewell and have a safe journey home



ORANGUTAN

Junior Volunteer Program



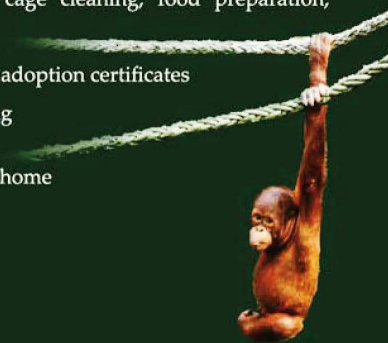


Orangutan conservation and rehabilitation is expensive, challenging and time-consuming. However, it is essential for the survival of one of our closest relatives in the animal kingdom. To ensure a bright future for Sarawak's orangutans, we need to engage young people, educate them on the importance of our conservation work, and encourage them to participate so they can gain a deeper understanding of the challenges and issues involved.

The Orangutan Junior Volunteer Program is an exciting and affordable learning experience targeted at schools, colleges and universities that allows students (aged 23 and under) to learn about orangutan biology and habitat, then put this knowledge to practical use in hands-on conservation activities. To ensure retaining their interest in and engagement with the orangutans following their visit, each student gets to adopt their own orangutan for a full year. All participants receive a certificate acknowledging their contribution to Sarawak's orangutan conservation program, as well as a certificate of adoption.

Itinerary

TIME	ACTIVITY
0830 hrs	Arrival at Matang Wildlife Centre Registration
0900 hrs	Short lecture on orangutan biology, habitat and the orangutan conservation work in Sarawak
0930 hrs	Wildlife rehabilitation tour Orangutan conservation work: cage cleaning, food preparation, enrichment program, etc. Orangutan adoption ceremony Presentation of participation and adoption certificates
1030 hrs	Summing-up and farewell briefing Lunch
1230 hrs	Farewell and have a safe journey home





JUNIOR

wildlife ranger

a fun and exciting outdoor environmental program

At SARAWAK FORESTRY, we firmly believe that the future of our environment depends on introducing young people to the great outdoors and its inhabitants, and instilling in them a lifelong passion for their natural surroundings. The Junior Wildlife Ranger Program is an informal and enjoyable education program for primary and secondary school students which is designed to impart understanding and concern for wildlife and biodiversity while having fun at the same time.

Each 3 day/2 night module is tailor made for the abilities, interests and age range of the participating student group, and covers a wide range of subjects matched to personal interests or the requirements of the curriculum, including:

- (1) **Denizens of the Dark** – Cave exploration, cave-dwelling creatures & cave vegetation
- (2) **Where Land and Water Meet** – The huge diversity of the coastal and marine ecosystem
- (3) **Saving Our Seas** – Exciting marine conservation activities
- (4) **People and Nature** – How we can live in greater harmony with nature
- (5) **Meeting our Relatives** – Up close and personal with Sarawak's orangutans
- (6) **The Green Partnership** – How the rainforest's animals depend on its plant life, and vice versa

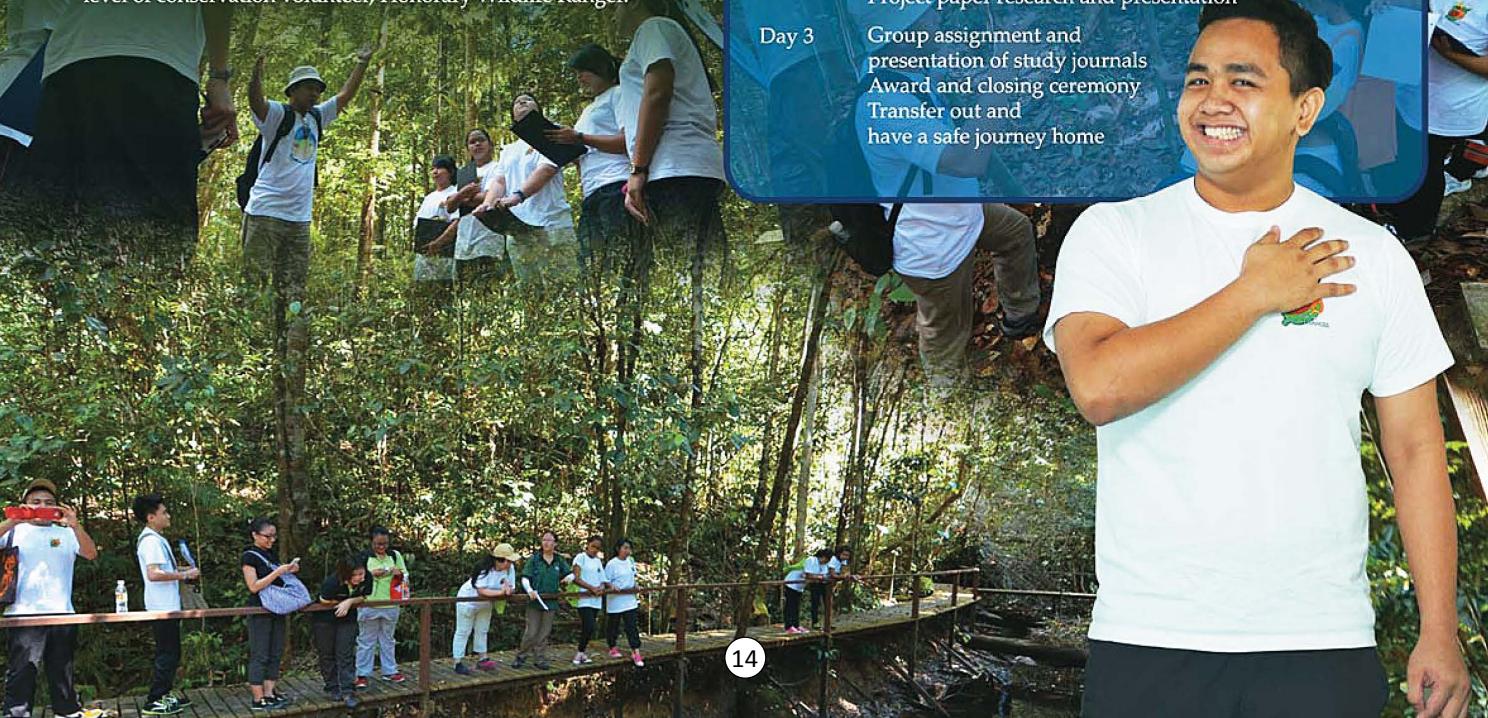
Each module is thematically designed to impart a general understanding of wildlife and biodiversity, and also to explore more deeply the unique biodiversity found at the respective National park or Nature Reserve. All activities are conducted by SARAWAK FORESTRY's expert staff. Accommodation is in park hostels or well-equipped camps, all meals are provided and all necessary health and safety precautions are in place.

Participants receive a certificate of attendance and a Junior Wildlife Ranger badge. They will be provided with continuing access to the Junior Wildlife Ranger Facebook page and our online resource centre. Those attending further programmes will have the opportunity to become certified up to Sarawak's highest level of conservation volunteer, Honorary Wildlife Ranger.

Itinerary

(actual itineraries are tailored to the specific student group and their location)

DAY	ACTIVITY
Day 1	Transfer to program location Arrival of participants and registration Introduction to biodiversity Ice-breaking session Lecture and outdoor study session
Day 2	Nature walk Introduction to environmental ethics and responsibility Project paper research and presentation
Day 3	Group assignment and presentation of study journals Award and closing ceremony Transfer out and have a safe journey home



A young orangutan with reddish-brown fur is hanging from a thick, braided rope. The orangutan is holding a piece of yellow fruit in its mouth and appears to be eating it. The background is a lush green forest.

SEMENGGOH

eco-Tour

Semenggoh Wildlife Centre has been rehabilitating young orangutans for over 30 years, and the surrounding forest now has a population of healthy adolescent and adult orangutans who are breeding in the wild. Semenggoh Wildlife Centre is also home to the Botanical Research Centre (BRC), with ethnobotanical gardens, an orchidarium, wild fruit orchards, a "Fernarium", a Rheophyte garden and more. Five nature trails and a plankwalk have been laid out to allow visitors the opportunity of seeing the various gardens.

The Semenggoh eco-Tour is a private guided walking tour that offers the best of both worlds, allowing a far better view of the resident orangutans than is possible for casual visitors, along with a guided inspection of their habitat, a visit to the gardens and facilities of the Botanical Research Centre, and much more.


Itinerary

TIME	ACTIVITY
0830 hrs	Arrival at Semenggoh Wildlife Centre Introductory briefing by eco-guide
0900 hrs	Viewing of orangutans at feeding areas (together with casual visitors)
0930 hrs	Spotting of orangutan nests Leisure walk to orangutan trails
1030 hrs	Guided tour to Arboretum, Orchidarium, Bamboo Garden & Ethnobotanical Garden Orchid care & planting demonstration
1230 hrs	Presentation of souvenir coffee table book - Sweetheart of Sarawak Farewell and have a safe journey home



MATANG WILDLIFE

Education Tour

An orangutan is hanging from a thick, braided rope that stretches across the top of the frame. The orangutan is positioned on the left side, with its arms and hands gripping the rope. It is looking towards the right. The background is a lush, green field of tall grass.

Matang Wildlife Centre, part of Kubah National Park, in nowadays Sarawak's main centre for wildlife rehabilitation. The main attraction is the orangutan rehabilitation program, where young orangutans - either orphaned or rescued from captivity - are taught how to survive in the wild. The centre's other residents include sambar deer, crocodiles, sun bears, civets and bear cats, with three large aviaries featuring hornbills, eagles, kites, storks and other birds native to Sarawak.

The Matang Wildlife Education Tour is an inexpensive half-day tour for larger school and student groups which provides a brief but compelling insight into the centre's conservation and rehabilitation activities

Itinerary

TIME	ACTIVITY
0830 hrs	Arrival is at Matang Wildlife Centre Introductory briefing by eco-guide
0900 hrs	Viewing of orangutans at feeding time
0930 hrs	Guided tour to view other animals and orangutan conservation activities
1100 hrs	Proceed to activity centre for own educational activities
1230 hrs	Farewell and have a safe journey home



PLANT A TREE

Conservation Program

The Sarawak rainforest is made up of an almost endless variety of tree species. Not surprisingly, many protected areas can suffer from habitat loss and one of the best ways to counter this threat is by replanting native tree species.

The Plant-a-Tree Conservation Program is targeted at educational groups, corporate groups and associations who wish to contribute to the successful reforestation of Sarawak's wild places while learning about the rainforest ecosystem. This is a great way to get hands-on with nature conservation and leave behind a living monument to your efforts.

The program can be carried out at many of SARAWAK FORESTRY's protected areas throughout Sarawak. This makes it easily accessible for local participants, who can choose the location nearest to their home base, and also for overseas visitors, who can choose a location that fits in well with the rest of their itinerary.

Itinerary

TIME	ACTIVITY
0830 hrs	Arrival at Protected Area Registration & briefing
0900 hrs	Introductory briefing by location Manager
0930 hrs	Inspection of planting site and soil preparation Planting of tree
1100 hrs	Proceed to activity centre for educational or corporate activity
1200 hrs	Presentation and affixing of Tree Planting Plaque
1230 hrs	Farewell and have a safe journey home





SWIFTLET

Conservation Tour



Swiftlets are small, insectivorous birds which use their superb eyesight to track airborne insects and feed on them in flight. They also have phenomenal hearing, which enables them to find their way through pitch black caves using echolocation, similar to bats, with whom they share their cave habitats.

Swiftlets use a natural cement in their saliva to attach and build their nests high on cave walls, safe from most predators. However, this cement is edible and forms the main ingredient of the bird's nest soup – an expensive oriental delicacy reputed to have health enhancing qualities.

The Blacknest Swiftlets of Niah National Park produce some of the highest quality birds' nests, which change hands for many thousand dollars per kilo. Therefore bird nest collecting is a lucrative (albeit hazardous and visually spectacular) activity for the communities bordering the park.

SARAWAK FORESTRY works closely with the communities to ensure the nest collection remains sustainable, and imposes close seasons every year to allow birds to nest undisturbed.

The 1-day **Swiftlet Conservation Program** is designed to showcase and create awareness of sustainable swiftlet management and conservation in Sarawak. Activities include trekking through the unforgettable sights and sounds of the limestone forest, visiting swiftlet caves, sharing information on swiftlet conservation, cave exploration, deciphering the sounds of swiftlets and participating in bird's nest processing. At the end of the program, you will understand the role that swiftlets play in nature and the importance of protecting and conserving them.



Itinerary

TIME	ACTIVITY
0800 hrs	Arrival and registration Breakfast
0900 hrs	Safety briefing
1030 hrs	Arrival at Lubang Perintah Introduction to Bird Nest: History, culture, conservation and current trends Introduction to Lubang Perintah Introduction to Bird Nest product: Process of collecting bird nest Explore cave
1230 hrs	Lunch
1400 hrs	Continue Journey
1500 hrs	Transit at Lubang Iman and Bukit Kasut Ranger Post
1700 hrs	River cruise to Park HQ (local boatman)
1800 hrs	Depart back to Miri



KUBAH *eco-Tour*

Kubah National Park was established in 1989 to conserve the exceptionally rich plant, bird and amphibian life of the Serapi Range near Kuching. The 2,230 hectare park is heavily forested, dotted with beautiful waterfalls and ranges between 150 and 450 metres altitude. Kubah's most famous features are its palms and its amphibians; with almost a hundred different palm species it is one of the richest palm habitats in the world, while with over 50 anuran species (frogs and toads) it is home to over 30% of the species recorded in Borneo, including the world's second smallest frog, the pea-sized *Microhyla nepenthicola*.

Kubah Guided Walk

This 4 hour walk is guided by one of SARAWAK FORESTRY's scientists, and will cover a variety of unusual topics, including:

- (1) How animals use the mixed dipterocarp forest as their home, restaurant and playground.
- (2) The forest environment as a source of human inspiration, looking at it from the aesthetic perspectives of beauty and ugliness.
- (3) How local people derive their livelihood from the mixed dipterocarp forest and its products.
- (4) Ritual plant species that are or have been used for good (or evil) by communities in Sarawak.
- (5) The crucial relationships between forest birds, food sources and forest habitats.





Kubah Frogging

Kubah's 70-plus anuran species include some of the most unusual on the planet. Froggers will need to be very sharp-eyed to spot the perfectly camouflaged Bornean horned frog, *Megophrys nasuta*, while the tiny *Microhyla nepenthicola*, the world's second smallest frog, is easier heard than seen thanks to a croak out of all proportion to its size. The Kubah Frogging will push your detective ability to its limits as you spend two days rushing around the forest to see who can record the greatest number of species.



Microhyla nepenthicola, world's second smallest frog
size not larger than a pencil tip; 10-13mm.

** Kubah Week takes place every year in April and features a series of programmes and activities designed to enable visitors to discover its rich fauna and flora.



ORANGUTAN ADOPTION *Program*

The plight of the world's orang-utans has touched the hearts of many. This highly intelligent creature, sharing 97% of the same DNA as us, is endemic to Borneo and Sumatra and is regarded as highly endangered due to habitat destruction, indiscriminate hunting and the illegal wildlife trade.

Sarawak has set up vast protected areas to conserve the last untouched orangutan habitats, and has conducted rehabilitation of orphaned and illegally captured orangutans for over 30 years at its Wildlife Centres in Semenggoh and Matang near Kuching. However, orangutan rehabilitation programmes are hugely expensive and require dedicated and high-trained personnel. To help secure a safe future for Sarawak's orangutans, we are offering the opportunity to become part of this noble effort through the Otangutan Adoption Programme.

The programme aims to:

- ▶ Raise funds for orangutan conservation and rehabilitation
- ▶ Extend ownership of the programme to other citizens of the world
- ▶ Disseminate information about orangutan conservation activities carried out in Sarawak

100% of the Adoption Fund's revenues are used to support orangutan conservation, including:

- ▶ Orangutan conservation projects
- ▶ Educational activities to support orangutan conservation
- ▶ Food and medication for orangutans in our rehabilitation centres



SEA TURTLE *Adoption*





Sarawak's Sea Turtle Conservation Program aims to conserve these beautiful and ancient marine reptiles through conservation and hatchery activities at Talang Satang National Park and other coastal protected areas. Like orangutan conservation, sea turtle conservation is expensive, requiring dedicated and highly trained staff, as well as transport and logistic expenses from operating in remote locations.





Lantern Bug (*Fulgora*)
Mulu National Park
Photo by Michael Tsan

Useful CONTACTS

Sarawak National Park Booking Office

Kuching

Sama Jaya Nature Reserve
Jalan Setia Jaya, Tabuan Jaya,
93000 Kuching, Sarawak,
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