

# The FOUNDATION

newsletter

Cover Story

## The Secret Life of Rafflesia

Highlight

## The Foundations In the Media



BRainS 2018  
Voices of Youth

KDN No: PP18533/06/2014 (033927)

Published by



In Collaboration with



# The FOUNDATION newsletter

All rights reserved. No part of this publication may be reproduced or transmitted in any form or any means, electronic or mechanical including photocopy, recording or any information storage and retrieval system, without permission in writing from the publisher.

## DATE OF PUBLICATION

15 January 2019

## CONTRIBUTORS

- Rebecca Jane Raymond
- Nurhanisah Mohd Mokhtar
- Zulfadhlan Ahmad Khushairi
- Dr. D. Sabapathy
- Dato' Dr. Abdul Rashid Ab Malik
- Hanafi Mohd Noor

## DESIGN & COMPILATION

DESIGN218 | www.design218.asia

## COLOUR SEPARATION & PRINTING

Percetakan Skyline Sdn. Bhd.  
35 & 37, Jalan 12/32B,  
TSI Business Industrial Park,  
Batu 61/2 Off Jalan Kepong,  
Tel : +(603) 6257 4824 / 1217  
Fax : +(603) 6257 7525 / 1216

## EDITORS

Zainon Kasim  
Dr. Daniel Baskaran

## PUBLISHED BY

YAYASAN EMKAY  
Unit 3A-3, Level 4, Perdana The Place,  
Jalan PJU 8/5G, Bandar Damansara Perdana,  
47820 Petaling Jaya, Selangor Darul Ehsan.  
TEL: (603) 7710 7066  
FAX: (603) 7710 5066



## COVER PHOTO

A rare found of *Rafflesia* at Royal Belum

## COVER STORY

03

- The Secret Life of Rafflesia

## YAYASAN EMKAY

06

- Yayasan EMKAY's UPSR Programme For 2018
- Program UPSR 2018 Anjuran Yayasan EMKAY
- New Potential Economic Activities for the Aborigines of the Belum-Temengor Area
- Kampung Semelor, Temengor, Gerik, Perak Darul Ridzuan Receives Attention
- Kampung Semelor, Temengor, Gerik, Perak Darul Ridzuan Mendapat Perhatian
- Karnival Kesihatan Untuk Masyarakat Orang Asli RPS Banun
- Kem Musika Bersama Persatuan Al-Hunafa, Klang
- Yayasan EMKAY Situ, Sana, Sini

## PULAU BANDING FOUNDATION

18

- BRainS 2018 - Belum Rainforest Summit
- Voices Of The Youth Summit 2018
- UTAR Conference
- Workshop For Nature Guides In Tasik Temengor
- Karas Planting Project
- Projek Koleksi Orkid Hutan Belum-Temengor di Belum Rainforest Resort

## BUKIT MERAH

## ORANG UTAN ISLAND FOUNDATION

24

- News From The Orang Utan Island, Bukit Merah
- Penggambaran Program "Malaysia Smart Tourism 4.0"
- Carlos Returns To The Wilds Of Sarawak

## GREEN RANGER MALAYSIA (GRM)

26

- Laporan Kegiatan dan Pencapaian Green Ranger Malaysia (GRM) bagi Tahun 2018
- Kids Interactive Expedition (KitE) 2018
- Pugmark Supercamp

## HIGHLIGHT

30

- The Foundations in The Media

## BACK COVER

32

- BMOUIF Donation Drive





The Secret Life of

# Rafflesia

**Rafflesia** is a genus of parasitic flowering plants. There are approximately 28 species, (including four incompletely characterized species as recognized by Willem Meijer in 1997) all found in Southeast Asia, mainly in Indonesia, Malaysia, Thailand and the Philippines. The genus *Rafflesia* is named after Sir Stamford Raffles, the adventurer and founder of the British colony of Singapore. He was the leader of the Indonesian Rainforest expedition team, which is said to have found the first *Rafflesia* flower, in 1818.

The plant has no stems, leaves nor roots. It is a holoparasite to its host, which is a vine, in the genus *Tetrastigma* (belonging to the Vitaceae family). It spreads its absorptive organ, the haustorium, inside the tissue of the vine. The only part of the plant that is visible outside the host vine is the five-petaled flower.

Interestingly enough, the *Rafflesia* only releases a foul odour (like that of decaying flesh) during blooming to attract insects such as flies, which in turn will transport pollen from the male to the female flowers. Little is known about how seed dispersal occurs. However, tree shrews and other forest mammals eat the fruits and presumably disperse the seeds.





*Rafflesia azlanii* at Pulau Besar by Siti Munirah MY.

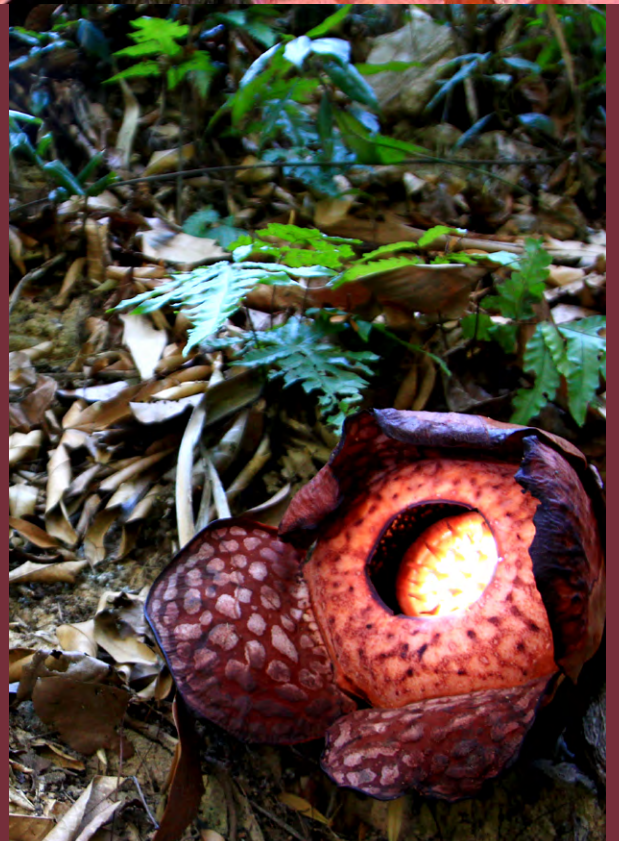
## Belum Temengor

A rare found at  
Rainforest Complex

Belum Temengor Rainforest Complex is an important *Rafflesia* conservation area because this is the only area in Peninsular Malaysia that has three species of *Rafflesia* reported.

They are among the most threatened plants in existence, mainly due to their limited seeds dispersal agents and the destructive activities such as illegal logging. Over use of *Rafflesia* sp. spotting have also resulted in the death of the vines upon which they thrive. While physical development is needed for the advancement of a civilization, there should however, be a balanced approach to the development and the conservation and protection of nature which involves the protection and conservation of animal species and plants.

Realising this critical issue, Pulau Banding Foundation has taken a positive step towards conservation of *Rafflesia* in Belum Temengor. An ex-situ project was established to conserve the species and further understand the rehabilitation potential of the plant.







The expedition.



This project is divided into two stages. The first stage is in the planting of the *Tetrastigma sp.* Vine. *Rafflesia* being a holoparasitic plant requires this particular vine to grow and establish itself. The research team has planted this host vine (*Tetrastigma sp.*) in the Belum Discovery Centre at Pulau Banding. The first cultivation of the host plant started on March 30, 2018 upon written approval from the state forestry department.

The second stage is *Tetrastigma sp.* stem grafting. Grafting is a horticulture process whereby the tissue of an individual plant is grafted to another plant of the same species. Upon successful union, both individuals will continue their growth together as one plant. Hence, in this project, once the vines start to grow healthily, stem cuttings containing *Rafflesia* spores that have formed earlier will be grafted to this healthy growing vine at the Discovery Centre. This is important to ensure that the *Rafflesia* seeds germinate successfully within a shorter period of time.

This vine of *Tetrastigma sp.* needs to be healthy and growing profusely because the source of nutrients to produce *Rafflesia* flowers is entirely dependent on the host. Other than that, the humidity, temperature, weather and soil conditions also play a major role in determining the rate of growth of host vines.



*Rafflesia cantleyi* (Bersia) by Siti-Munirah MY.



*Rafflesia kerrii* at Sg Ruok Royal Belum by Siti-Munirah MY.





Tun Mahathir and Tun Siti Hasmah spending time motivating the students in Langkawi.

## YAYASAN EMKAY'S UPSR PROGRAMME FOR 2018

In 2018, Yayasan EMKAY, for the third consecutive year has organized, the 'Sowing the Seeds of Success' Programme – a programme to prepare students for the UPSR exam – simultaneously in Perak, Selangor and Pulau Langkawi, Kedah. In general, this programme is a combination of a variety of specialized modules aimed to provide students with a 'fun learning' experience while preparing for the exam.

A total of 531 students from five (5) schools participated in this programme. At the beginning of the programme (March 2018), only 187 students pass their first term test, while 337 were categorized as 'galus' (combination of Fail/Pass result). Of this group of 337 students, 68 were classified as having 'serious problems', ie. failing all subjects (6E), either because they did not master the basic 3M (writing, reading, counting) or due to skipping school.

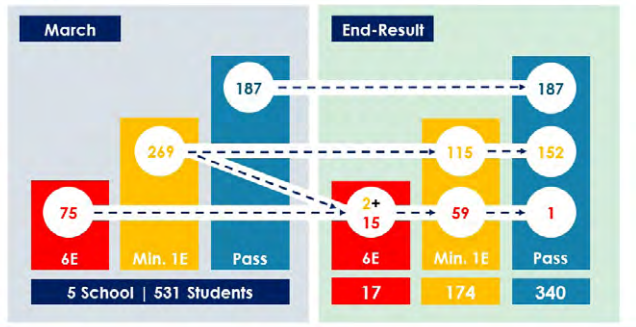
This year's programme includes additional and tuition classes at the respective schools with the support of the school teachers as well as sessions with facilitators who are expert in all the subjects; motivational and intensive camps with focus on techniques for answering questions; and contribution of instructional aid to the schools.

Yayasan EMKAY also sought support from external facilitators to motivate the students, as part of the programme. The Intensive Camp where the facilitators shared techniques and tips in answering questions received good response from not just the students but from the teaching faculty as well.

To maintain the level of excitement while studying, students together with their mentors, were also given the freedom to choose their own "out of class" learning method which is most effective for each of them from a list of options derived from the mentors' creativity.

The mentors are mainly Volunteers (comprising of staff from the EMKAY Group and M K Land Holdings Bhd) who provide guidance to the students during preparation, including identifying problems faced by them and finding ways to solve them. The volunteers also go the extra mile in taking the time to get acquainted with the families of students to understand their background and receive their 'mentees' at their own homes on weekends, as 'adopted children'.

### UPSR Programme for 2018 Student Achievement



A new "out-of-the-box" programme was introduced to students in Langkawi this year; a programme known as the 'Kepung' Programme. In collaboration with the Kuala Melaka Inn (KMI) and their staff as volunteers, 42 of the weakest students were housed in the hotel for two months until the end of the UPSR exam. During that time, students performance are monitored and their attendance in school ensured. Additional classes were conducted by appointed teachers and their leisure time was spent with activities that are geared for their success as well as to help build confidence and self-esteem.

The presence of the students at the resort even attracted the attention of the Prime Minister of Malaysia, Tun Dr Mahathir Mohamad and his wife, Tun Dr Siti Hasmah Mohd Ali, during their visit to Langkawi on 4th July 2018. Both Tuns were briefed of the programme aimed at helping the students of SK Kuala Melaka and SK Padang Mat Sirat to pass the examination. The Tuns also spent time advising students to diligently study and convinced them that knowledge is 'a weapon in every struggle'.

On 29th November 2018, on the day the results were announced, the programme recorded an increase of 81.8% in the 'Pass' category (an increase to 340 from the previous 187 students in the early stage of the programme). Meanwhile, the number of students who are in the 'Fail' category decreased by 54.6% (184 from the previous 337). The Alor Pongsu and Kg Jawa 2 schools achieved their target of no failures in all six subjects.

From our analysis, we found that English and Mathematics are two subjects which require special attention, as the average failure rate is more than 20%.





Mentor – mentee outside of classroom and fun learning activities.



UPSR Intensive Camp.



Weekly classes.



Handing over of teaching aid materials to the school.



Langkawi children's activities.



Motivational Camp.





Pelajar-pelajar bersama Tun di Langkawi.



Aktiviti berasaskan 'keseronokan sambil belajar'.



Kem Motivasi.



Hari Pengumuman Keputusan Peperiksaan.

## PROGRAM UPSR 2018 ANJURAN YAYASAN EMKAY

Di tahun 2018, buat kali ketiga berturut-turut Yayasan EMKAY telah menganjurkan Program 'Menyemai Benih Kejayaan', yakni satu program untuk menyediakan para pelajar yang akan menduduki Ujian Pencapaian Sekolah Rendah (UPSR) di beberapa sekolah secara serentak. Secara amnya program ini adalah gabungan pelbagai program khusus untuk memberikan pengalaman 'keseronokan sambil belajar' kepada para pelajar sepanjang membuat persediaan untuk peperiksaan.

Seramai 531 orang pelajar dari lima (5) buah sekolah telah menyertai program UPSR 2018 ini. Di peringkat awal (Mac 2018), hanya seramai 187 pelajar telah dikategorikan sebagai tidak bermasalah, sementara 337 orang lagi dikategorikan sebagai Galus (Gagal/Lulus). Dari kumpulan seramai 337 orang ini pula, 68 orang pelajar diklasifikasikan sebagai mempunyai 'masalah serius', yakni gagal semua mata pelajaran (6E), sama ada kerana tidak menguasai 3M (menulis, membaca, mengira) ataupun masalah ponteng.

Pengisian program tahun ini termasuklah sesi kelas tambahan dan tuisyen di sekolah, dengan sokongan dari guru-guru sekolah, mahupun pakar-pakar di dalam semua subjek, sesi kem motivasi dan kem intensif/tips menjawab soalan, dan sumbangan bantuan alat mengajar kepada pihak sekolah.

Yayasan EMKAY turut membariskan pakar-pakar untuk memberikan motivasi kepada para pelajar, sebagai program sampingan. Kem-Kem Intensif dan Tips Menjawab Soalan juga seringkali mendapat sambutan yang baik dari keseluruhan warga sekolah.

Untuk mengekalkan elemen keseronokan sambil belajar, para pelajar bersama mentor masing-masing diberi peluang untuk memilih sendiri cara belajar luar bilik darjah yang paling berkesan bagi diri mereka, mengikut kreativiti mentor. Para mentor adalah Sukarelawan (terdiri daripada kakitangan kumpulan EMKAY dan M K Land Holdings Berhad) yang membimbing para

pelajar semasa membuat persediaan, termasuk mengenal pasti masalah yang dihadapi pelajar, dan mencari jalan untuk menyelesaikannya. Sukarelawan turut meluangkan masa untuk berkenalan dengan lebih rapat dengan keluarga para pelajar untuk memahami latar belakang kehidupan di samping menerima kehadiran 'mentee' di rumah masing-masing pada hujung minggu, sebagai 'anak angkat'.

Satu program baru yang diperkenalkan kepada para pelajar di Langkawi tahun ini, ialah Program 'Kepung' di mana, dengan kerjasama pihak Kuala Melaka Inn (KMI), dengan kakitangannya sebagai Sukarelawan, program ini telah menempatkan seramai 42 orang pelajar lemah di hotel ini selama dua bulan, sehingga tamat UPSR. Sepanjang tinggal di KMI, para pelajar dipastikan hadir ke sekolah, termasuk juga kelas-kelas tambahan oleh guru-guru yang dilantik, serta memenuhi masa lapang dengan aktiviti-aktiviti yang membantu ke arah membina keyakinan dan jati diri untuk berjaya.

Kehadiran para pelajar di resort ini telah menarik perhatian YAB Perdana Menteri Malaysia, Tun Dr. Mahathir bin Mohamad serta isteri, Tun Dr. Siti Hasmah binti Mohd Ali, semasa lawatan beliau ke Langkawi pada 4 Julai 2018. Tun berdua telah diberi penerangan tentang program yang bertujuan untuk membantu para pelajar SK Kuala Melaka dan SK Padang Mat Sirat lulus di dalam peperiksaan. Beliau berdua turut meluangkan masa memberi nasihat kepada para pelajar untuk tekun belajar dan meyakinkan mereka bahawa ilmu pengetahuan adalah 'senjata di dalam segala perjuangan'.

Pada 29 November 2018, di hari keputusan dimaklumkan, program ini telah merekodkan peningkatan sebanyak 81.8% bagi kategori pelajar tidak bermasalah (lulus) atau peningkatan kepada 340 dari 187 orang, di peringkat awal. Sementara itu, bilangan pelajar yang gagal telah berkurang sebanyak 54.6%, atau dari 337 orang ke 184 orang. Sekolah-sekolah Alor Pongsu dan Kg. Jawa 2 pula telah berjaya mencapai sasaran di mana tiada seorang pelajar pun yang gagal di dalam semua mata pelajaran.

Dari analisa yang telah dibuat juga adalah didapati bahawa mata pelajaran Bahasa Inggeris serta Matematik adalah dua mata pelajaran yang perlukan perhatian khusus, memandangkan purata peratusan gagal adalah lebih dari 20%.





Dialogue session with local communities and village headsmen at Belum Rainforest Resort.



Sharing session by Dr. Zulkifli Mustafa on bee hive construction and maintenance.



Getting to know the process of production of the 'gaharu' oil.

## NEW POTENTIAL ECONOMIC ACTIVITIES FOR THE ABORIGINES OF THE BELUM-TEMENGOR AREA

In line with the vision of creating economic empowerment for the locals within the Pulau Banding area, both Yayasan EMKAY and Pulau Banding Foundation decided that "Gaharu" and the "Kelulut" i.e. the perfume and honey industries might be a good way to start the movement.

With that in mind, together with YBhg. Tan Sri Mustapha Kamal bin Abu Bakar, the Chairman of Yayasan EMKAY and Advisor of the Pulau Banding Foundation, the management of both foundations have organised various study trips to learn and understand the prospect of initiating these two activities in the Belum-Temengor area.

On 8th August 2018, a trip to Rompin, Pahang was organised for the team, hosted by Mr. Nazra Basir the owner of Aura Asli Enterprise and his uncle, Mr. Kamahuddin Ang. Nazra gave a briefing on his gaharu based products which he produces with the orang asli of the RPS Kedaik, Rompin area. The team was taken to the factory where chips of the 'Karas' tree (*Aquilaria malaccensis*) are chopped, soaked and boiled to produce the 'gaharu' oil, the base used in making perfumes and other products.

To further understand on how to source for the raw material (to produce the 'gaharu'), Pulau Banding Foundation (PBF) then organised a trip to a 'gaharu' farm, RAL Plantations in Kuala Kangsar, Perak. There, the team was briefed on the planting of the 'karas' trees and the process of inoculation, as well as the harvesting of the 'gaharu' and production of other products from the tree, eg. Tea from the 'karas' leaves. PBF then, planned to inoculate the existing Karas trees within its Research Centre compound in Pulau Banding which are about



Sharing session by Tuan Megat Md Yusop, Plantation Manager, RAL Plantations Sdn Bhd.

8 years old as a start. PBF, on its own too has started a Gaharu Farm on Pulau Banding, planting close to 1500 of these karas trees.

The team, on the 9th of September 2018 also visited the Kelulut Honey farm located in Felda Ijok in Selama, Perak. There, the team learnt that the community, in collaboration with the Community Innovation Centre of Universiti Sains Malaysia has developed a sustainable model for producing honey. Through its Knowledge Transfer Program, the experts from USM provided the villages with the technological know-how in terms of constructing a lasting bee hives, transferring of the bee colony, honey collection, processing of honey as well as the sales and marketing of the products.

In a meeting held at Belum Rainforest Resort on the 2nd of September 2018 with the representatives of the local community and the village headsmen, it was made known that the Orang Asli are already very well involved in both gaharu and honey collection from the wild. They admitted that their traditional way of doing things might have a negative impact on the forest and their environment. Therefore, they are very much interested to learn on how to continue these activities sustainably as these activities might be a source of stable income for them in the long run.

Due to the limited knowledge and resources between the two foundations, both foundations hope that other agencies with knowledge and expertise in these two areas would come forward to assist the Orang Asli in developing these very interesting industries.



## KAMPUNG SEMELOR, TEMENGOR, GERIK, PERAK DARUL RIDZUAN RECEIVES ATTENTION

Following the vision of their leader or Tok Batin, the community of Kampung Semelor has welcomed the presence of Yayasan EMKAY to run programmes in the village since 2008. Penghulu Samad, who answers affectionately to the name 'Pak Samad', is always coming up with different ways and ideas on how external agencies or groups can assist him in the development of the Kg. Semelor community.

Starting with the establishment of the 'i-play' Toy Library (PPip) in 2008, to the development of skills training workshop in 2014, Kg. Semelor today is proud of the many facilities that attract the attention of many parties – whether for the purpose of extending assistance, learning from community development programmes, or for tourism purposes while having a unique experience - learning about the everyday life of this Temiar society.

For the second half of 2018, with the cooperation of the local community and volunteers, Yayasan EMKAY has organized various programmes at Kg. Semelor.

The first Belum Forest Friends (BFF) Programme on 10th July 2018 saw an entourage of, among others, celebrities like Jaclyn Victor, Vince Chong, Faizal Ismail (FBI), Hafiz Hamidon and Datuk Yasmin Yusof and local media visiting Kg. Semelor to participate in the effort to preserve and protect the Belum-Temengor flora and fauna. BFF focuses on the cultivation of the karas tree and sponsors school uniforms for school-going children of the Belum-Temengor region. The village community was excited by the presence of the celebrities and came out to get to know their favorite artists in person.

Kg. Semelor also received the honour of a visit by the Menteri Besar of Perak Darul Ridzuan, YAB Dato' Seri Ahmad Faizal Azumu, his wife and entourage. A festive welcome was given to the honorable Chief Minister, complete with the traditional 'headgear' and 'bodysling' by Penghulu Samad. They were also celebrated with bamboo strapping music and singing (sewang dance) as soon as they set foot in the village.

In addition to a briefing on the various community development programmes organized by Yayasan EMKAY, the Chief Minister also launched the new *i-play* Toy Library building, which was completed in April 2018, replacing the old building which was on loan by the Orang Asli Development Department.

Members of the Perak Economic Advisory Council also visited the village on 30th September 2018 to experience for themselves the developmental impact on the local community here. They expressed support for Yayasan EMKAY's efforts in helping the community to be independent by introducing programmes that strongly encourages community sustainability.

The second group of Belum Forest Friends (BFF) also visited Kg. Semelor when it was informed about the uniqueness of the programme when members registered as BFFs. The group spent the Deepavali holiday (6th November 2018) at Kg. Semelor! Among those present, Malaysia's bowling athlete Shalin Zulkifli, "fell in love" with this programme, which influence her to organize a 'charity auction' to raise funds for the sponsoring of school uniforms for Belum-Temengor's students.

Kg Semelor was also visited by members of the National Education Policy Studies Committee (Jawatankuasa Kajian Dasar Pendidikan Negara) to view the Yayasan EMKAY's educational programme model, on 20th December 2018. Led by Prof. Dr. Juli Edo and Prof. Dr. Madeline Berma, the committee offered ideas to further reinforce the on-going programme at the Toy Library.



BFF's very own Nazrudin Rahman and wife contributed some toys to the Toy Library.



A visit by the BFF members to the ladies' sewing workshop.

The closing of the curtain for 2018 saw Kg Semelor hosting the Mercedes Benz Malaysia Group, who has expressed a keen interest to run charity work in the Belum-Temengor area. They also held a gotong-royong at the Wawasan Gemilang Dormitory of Sekolah Kebangsaan RPS Banun.

Each group of people who have visited this village can see for themselves the progress of the children at the Toy Library, who are more confident of themselves and are not fearful (though still shy) to entertain the visitors with their singing and dance performances. Similarly, the trainees in the sewing workshop (shyly) show their artworks and traditional handicrafts while convincing the guests to buy the exhibited products.

The most enjoyed experience of ALL the groups thus far is the traditionally cooked lunch by the local community. Rice, chicken and fish, cooked in the bamboo, with *jerek* leaves used as a wrap for its scent, makes a very appealing lunch.

The success of Kg. Semelor has indeed attracted the attention of visitors which is further facilitated by the availability of chalet units for rent to anyone who wants to experience the starry night of the rainforest as well as the cool morning breeze – tranquility like no other experience can offer.

Yayasan EMKAY is proud of the pure innate desire of the people of Kg. Semelor who want to see to the development of their own community and village. This is especially commendable seeing that the slow but steady development of this village is taking place under constraints of all forms, the most important one being infrastructure i.e. road facilities. What is more important is that the presence of visitors to this village is opening up economic opportunities for this local community through product sales, promotion of their cuisine, traditional games and activities of the indigenous people, as well as ecotourism activities through rental of their chalets.





BFF with the Orang Asli Children.



Opening Ceremony of New Toy Library Building at Kg. Semelor.



Children performance.



Preparation of food cooked in bamboo.



Lunch for VIP at Kampung Semelor.



## KAMPUNG SEMELOR, TEMENGOR, GERIK, PERAK DARUL RIDZUAN MENDAPAT PERHATIAN

Berpasakkan kepada wawasan Ketuaanya, masyarakat Kampung Semelor telah menerima baik kehadiran Yayasan EMKAY untuk berprogram di kampung tersebut sejak tahun 2008 lagi. Penghulu Samad, yang lebih mesra dengan panggilan Pak Samad, sentiasa memberi cadangan tentang cara mana agensi luar boleh membantu beliau dalam membangunkan masyarakat Kg. Semelor.

Bermula dengan penubuhan Perpustakaan Permainan 'i-play' (PPip) pada tahun 2008, hingga ke pembangunan woksyp latihan kemahiran pada tahun 2014, Kg Semelor hari ini berbangga dengan pelbagai kemudahan yang menarik perhatian banyak pihak, samada untuk tujuan menghulurkan bantuan, belajar dari program pembangunan komuniti, mahupun untuk beriadah sambil mendapat satu pengalaman unik, mempelajari tentang kehidupan seharian masyarakat Temiar ini.

Bagi separuh tahun kedua 2018 ini, dengan kerjasama masyarakat setempat dan sukarelawan, Yayasan EMKAY telah menganjurkan pelbagai program di Kg. Semelor. Rombongan Belum Forest Friends (BFF) yang pertama, yang antara lain dianggotai oleh artis-artis serta wakil media tempatan seperti Jaclyn Victor, Vince Chong, Faizal Ismail (FBI), Hafiz Hamidon and Datuk Yasmin Yusof telah mengadakan sesi lawatan ke Kg. Semelor pada 10 Julai 2018. BFF, satu program yang ditubuhkan sebagai wadah untuk 'public figures' turut serta di dalam usaha-usaha pemeliharaan dan perlindungan flora dan fauna Belum-Temengor, memberi tumpuan kepada penanaman pokok karas dan penajaan pakaian seragam sekolah untuk para pelajar orang asal Belum-Temengor. Kehadiran mereka sesungguhnya mengujakan masyarakat kampung, yang keluar beramai-ramai untuk mengenali artis-artis kesayangan mereka ini dengan lebih rapat.

Pada 2 Ogos 2018 pula, Kg. Semelor menerima kunjungan YAB Menteri Besar Perak Darul Ridzuan, Dato' Seri Ahmad Faizal Azumu beserta isteri dan rombongan. Sambutan meriah diberikan kepada YAB Menteri Besar, dengan kalungan selimpang dan tengkolok tradisional oleh Penghulu Samad. Mereka juga diraikan dengan alunan muzik ketukan buluh serta nyanyian (untuk tarian sewang) sebaik menjejakkan kaki ke kampung tersebut.

Di samping diberi taklimat tentang program pembangunan masyarakat anjuran Yayasan EMKAY, YAB Menteri Besar juga turut merasmikan bangunan PPip yang baharu, yang telah dilengkapkan pembangunannya pada bulan April 2018, menggantikan bangunan lama yang dipinjamkan oleh pihak Jabatan Kemajuan Orang Asli.

Ahli-Ahli Anggota Majlis Penasihat Ekonomi Negeri Perak juga turut mengadakan lawatan ke kampung ini untuk melihat sendiri impak pembangunan terhadap ahli masyarakat tempatan pada 30 September 2018. Mereka menyuarakan sokongan terhadap usaha Yayasan EMKAY di dalam membantu masyarakat ini untuk berdikari dengan memperkenalkan satu program yang menjamin kelestarian masyarakat.

Kumpulan kedua Belum Forest Friends turut melawat Kg. Semelor sementelah dimaklumkan tentang keunikan program oleh ahli-ahli yang berdaftar dengan BFF. Kumpulan ini telah menghabiskan cuti Deepavali pada 6 November 2018 untuk merayakannya di Kg Semelor! Antara yang hadir, Shalin Zulkifli, Atlet Boling Negara telah 'jatuh hati' dengan program ini, yang mana turut mempengaruhi beliau untuk menganjurkan 'lelongan amal' bagi mengumpul dana untuk menaja pakaian seragam sekolah untuk anak-anak Kg. Semelor.

Tidak ketinggalan, beberapa orang Ahli Jawatankuasa Kajian Dasar Pendidikan Negara juga turut mengadakan lawatan ke kampung ini untuk melihat sendiri model program pendidikan tajaan Yayasan EMKAY. Diketuai



Para pelajar bersama tetamu.



BFF di Perpustakaan Permainan.

oleh Prof. Dr. Juli Edo dan Prof. Dr. Madeline Berma, AJK ini telah memberikan idea-idea bernas untuk mengukuhkan lagi program yang telah dijalankan di Perpustakaan Permainan 'i-play', sejak tahun 2008.

Sebagai penutup tirai tahun 2018, Kg Semelor menjadi hos kepada sekumpulan pelawat dari Kumpulan Mercedes Benz Malaysia, yang berminat untuk menjalankan kerja-kerja amal di kawasan Belum-Temengor. Mereka turut mengadakan gotong royong di Dormitori Wawasan Gemilang, Sekolah Kebangsaan RPS Banun.

Setiap kumpulan tetamu yang hadir ke kampung ini dapat melihat sendiri perkembangan anak-anak di PPip, yang mula yakin dan berani untuk menghiburkan para pelawat dengan persembahan nyanyian dan tarian. Begitu juga dengan para pelatih di bengkel jahitan, mereka (dengan malu-malu) menunjukkan hasil seni jahitan dan kraftangan tradisional mereka, di samping meyakinkan para tetamu untuk membeli produk kraftangan yang diperagakan.

Pengalaman paling digemari para pengunjung tentulah hidangan jamuan makan tengah hari yang dimasak secara tradisional oleh penduduk tempatan. Nasi, ayam dan ikan, dimasak di dalam buluh, dengan aroma daun 'lerek' yang digunakan sebagai pelapis, amat menyelerakan...

Kejayaan Kampung Semelor menarik perhatian pengunjung juga turut dipermudahkan dengan adanya unit-unit chalet yang boleh disewakan kepada para pengunjung yang ingin bermalam di dalam keheningan hutan belantara.

Yayasan EMKAY amat menyanjung hasrat murni, yang disokong dengan usaha, penduduk Kg. Semelor di dalam membangunkan masyarakat dan kampung mereka sendiri. Istimewanya, pembangunan di kampung ini berlaku di dalam keadaan kekangan dalam segala bentuk, terutamanya infrastruktur kemudahan jalan. Apa yang lebih utama ialah dengan adanya kehadiran para pelawat ke kampung ini, ianya membuka peluang ekonomi kepada masyarakat tempatan, melalui penjualan produk, promosi masakan, permainan dan aktiviti tradisional orang asal, di samping kegiatan pelancongan melalui sewaan chalet.





Sesi penerangan kepada Ahli Majlis Penasihat Ekonomi Negeri Perak beserta rombongan di PPip.



Pak Samad menunjukkan cara menyelesaikan permainan 'kawin-cerai' kepada YAB Menteri Besar Perak.



BFF di Woksyop Jahitan.



Kepelbagaian hasil kraftangan Orang Asli.



Prof. Dr. Madeline bersama-sama para pelajar di Perpustakaan Permainan 'i-play'.





Kaunter-kaunter pemeriksaan kesihatan.



Demonstrasi jahitan langsir.



Terima kasih diucapkan kepada semua agensi yang terlibat.



Penerangan sebelum sesi ujian penglihatan dan kesihatan mata.

## KARNIVAL KESIHATAN UNTUK MASYARAKAT ORANG ASLI RPS BANUN

Secara umumnya, rata-rata masyarakat di Malaysia sudah menyedari akan kepentingan penjagaan kesihatan dan telah mula memberi keutamaan kepada pemeriksaan kesihatan yang rutin. Namun, kesedaran sama di kalangan masyarakat Orang Asli di Belum Temengor masih perlu ditingkatkan dan perlu bersesuaian dengan situasi serta keadaan persekitaran mereka.

Pada 4 Disember 2018, Yayasan EMKAY dengan kerjasama 12 agensi kerajaan dan swasta telah berganding bahu dan tenaga dalam penganjuran program "Mini Karnival bersama Masyarakat Orang Asli" di Kampung Sungai Raba, RPS Banun, Gerik, Perak Darul Ridzuan. Objektif utama penganjuran adalah untuk menawarkan pemeriksaan kesihatan secara percuma di samping pelbagai pengisian menarik bermula dengan perlawanan bola pada 3 Disember 2018.

Pada program sama, pihak GreSo (Great Society) Association dari Universiti Kebangsaan Malaysia turut menyerahkan sumbangan berupa pakaian seragam dan beg sekolah kepada Guru Besar SK RPS Banun, Encik Mohamad Lizzadaroff bin Mohamed, dengan disaksikan oleh Penyelia Sekolah Rendah Pejabat Pendidikan Daerah Hulu Perak, Encik Mohd Radhi Ibrahim.

Pengarah Jabatan Tenaga Kerja Negeri Perak dan para pegawainya serta Pegawai Jabatan Kemajuan Orang Asli Hulu Perak turut memberikan sokongan penuh sepanjang penganjuran Mini Karnival ini. Yayasan EMKAY mengucapkan jutaan terima kasih kepada semua pihak yang terlibat menjayakan program ini terutama kepada GreSo Association, pelajar Sarjana Pentadbiran Perniagaan dari Universiti Kebangsaan Malaysia yang diketuai oleh Dr. Ida Rosnita Ismail, Pensyarah Pusat Siswazah, Universiti Kebangsaan Malaysia.

### Mini Karnival

Kerjasama 12 agensi kerajaan dan swasta dengan kekuatan seramai 70 petugas dan sukarelawan

1. Dihadiri oleh orang asal dari 7 buah kampung berhampiran
2. Melibatkan seramai 400 orang penduduk
3. 4 kaunter pemeriksaan kesihatan dibuka dengan purata 40 rekod kesihatan dapat dikumpulkan dari setiap kaunter pemeriksaan

| Bil. | Pengisian program Mini Karnival                                     | Organisasi Terlibat  |
|------|---|--|
| 1    | Pemeriksaan kesihatan dan konsultansi percuma                       | Pusat Kesihatan Daerah Gerik & National Kidney Foundation                                  |
| 2    | Pemeriksaan mata  | Kementerian Kesihatan Malaysia & Malaysian Optometrist Association                         |
| 3    | Pemeriksaan gigi  | Klinik Pergigian Gerik   |
| 4    | Demonstrasi jahitan langsir   | Pusat Inkubator Jahitan Orang Asli Gerik & Universiti Sains Malaysia                       |
| 5    | Demonstrasi memasak "pancake"                                       | Belum Rainforest Resort  |
| 6    | Demonstrasi penyelenggaraan motor dan gerai jualan alat ganti motor | Lan Motor Sport  |
| 7    | Kenduri rakyat  | Jabatan Tenaga Kerja Negeri Perak & Sukarelawan Yayasan EMKAY                              |
| 8    | Gerai jualan "Bundle Boutique"                                      |  |
| 9    | Pertandingan mewarna dan sukaneka untuk kanak-kanak                 | GreSo (Great Society) Association, Universiti Kebangsaan Malaysia (UKM)                    |
| 10   | Perlawanan bola dan permainan rakyat untuk golongan dewasa          |  |
| 11   | Cabutan bertuah   | GreSo Association, UKM & Yayasan EMKAY   |
| 12   | Gotong-royong   | Jabatan Tenaga Kerja Negeri Perak, GreSo Association, UKM, USM & Sukarelawan Yayasan EMKAY |





Sesi Latihan Aktiviti "Brain Gym".



Terima kasih buat pasukan MUSIKA dan Persatuan Al-Hunafa Klang.

## KEM MUSIKA BERSAMA PERSATUAN AL-HUNAF KLANG

Penganjuran Kem dengan kerjasama Persatuan Al-Hunafa dianjurkan pada 8 hingga 10 November 2018 di Bukit Merah Laketown Resort melibatkan penyertaan 34 orang pelajar dari dua (2) buah sekolah iaitu SMK Raja Lumu dan SMK Pandamaran Jaya, Klang.

Objektif utama Kem adalah untuk melihat perubahan ke arah kebaikan melalui modul MUSIKA atau Motivasi Ubah Sikap. Selaku motivator, Ustaz Idzhar Jumali mengupas akronim S.I.K.A.P dengan teknik yang mudah, ringkas dan padat sambil diselangi alunan lagu-lagu yang mendamaikan dalam usaha membentuk generasi akan datang yang lebih berilmu, berketerampilan dan berkeyakinan.

"S" singkatan bagi 'Suka', menyarankan kepada para pelajar membuat perkara-perkara yang baik yang akan membantu mereka menjalani hidup dengan sentiasa bersikap positif.

"I" singkatan bagi 'Ilmu/Iman/Ihsan' menambahkan lagi kefahaman serta pengetahuan para pelajar dan mempraktikkan apa yang dipelajari dengan yakin dan berkualiti kerana setiap gerak-geri hati dan tubuh badan akan sentiasa dipantau.

"K" singkatan bagi 'Keadaan' mengajar para pelajar supaya sentiasa berada dalam keadaan harmoni iaitu menjaga adab, akhlak, mewujudkan suasana kasih sayang, belas ihsan, menghormati dan bertanggungjawab.

"A" singkatan bagi 'Amal' membantu para pelajar mempraktikkan apa yang telah dipelajari dengan mempunyai visi dan matlamat yang jelas dalam menjalani hidup di dunia ini menuju ke akhirat.



**MUSIKA**



@yayasanemkay #yayasanemkay



Sesi perkongsian dan membina keyakinan diri oleh pembuat kapal terbang kertas terbaik, Adik Muhd. Mukhriz Shah bin Abd Malek.

"P" singkatan bagi 'Perjuangan' mengajar para pelajar bahawa hidup ini perlu berjuang dan berkorban. Perjalanan hidup manusia berliku-liku, ada turun naiknya, mempunyai cabarannya tersendiri, yang memerlukan hati yang cekal untuk menghadapinya. Tidak ada jalan pintas untuk berjaya. Perlu berusaha. 'No pain no gain'.

Antara lain, pengisian Kem 3 hari 2 malam ini adalah latihan dalam kumpulan melalui aktiviti permainan uji minda dan sesi rehatkan minda serta perkongsian pengalaman melalui slot 'Turning Point' yang telah dikendalikan oleh Tuan Haji Shahairi bin Aziz.

Pengerusi Persatuan Al-Hunafa Klang, Tuan Haji Razman bin Haji Abu Bakar yang turut serta sepanjang kem berlangsung berpendapat bahawa, pengisian program dan penyampaian yang pelbagai serta pembelajaran yang berlatarbelakangkan muzik yang sentimental berjaya menampakkan respon dan tindak balas yang positif daripada kalangan peserta program.



## YAYASAN EMKAY SITU, SANA, SINI

Metafora "Give a man a fish, and you will feed him for a day. Teach a man to fish, and you have fed him for a lifetime". Bertitik tolak daripada metafora tersebut, secara purata, peratusan peruntukan utama program Yayasan EMKAY sejak dari penubuhannya pada tahun 2001 lebih terarah kepada program-program pendidikan, iaitu sebanyak 50%. Sementara hampir 20% dari peruntukan pula diumpukkan kepada program penjagaan kesihatan.

Program pembangunan pendidikan terutamanya di kawasan Belum-Temengor dan penubuhan Perpustakaan Permainan 'i-play' adalah antara program pendidikan yang paling giat dilaksanakan.

Tarikh 2 Ogos 2018 menyaksikan Yayasan EMKAY menjayakan dua majlis penting berkaitan pendidikan, iaitu Majlis Penyerahan Sumbangan Pakaian Seragam Sekolah kepada para pelajar Sekolah Kebangsaan RPS Banun, Temengor, Gerik, Perak dan Majlis Perasmian Perpustakaan Permainan 'i-play' di Sekolah Kebangsaan Penderas, Kuala Krau, Temerloh, Pahang.

Majlis Penyerahan Sumbangan Pakaian Seragam Sekolah di bawah program Belum Forest Friends (BFF) telah disempurnakan oleh Y.A.B Menteri Besar Perak, Dato' Seri Ahmad Faizal bin Dato' Azumu di Belum Rainforest Pavilion, Pulau Banding, Gerik, Perak Darul Ridzuan. Majlis tersebut menyaksikan penyerahan pakaian seragama sekolah kepada 10 orang wakil pelajar Sekolah Kebangsaan RPS Banun.

Sementara itu, pada tarikh sama di Sekolah Kebangsaan Penderas, Temerloh, Pahang berlangsung pula Majlis Perasmian Perpustakaan Permainan 'i-play' (PPip) yang telah disempurnakan oleh Tuan Haji Abdul Rahim bin Mohd Yunus, Ketua Sektor Pengurusan Sekolah, Jabatan Pendidikan Negeri Pahang. Di majlis tersebut, Yayasan EMKAY, diwakili oleh Ybrs. Ir. Mahat a/ Mat Dong, Ahli Lembaga Pemegang Amanah YE.

Tarikh-tarikh penting penubuhan Perpustakaan Permainan 'i-play' di Sekolah Kebangsaan Penderas adalah seperti berikut

1. **Sesi Penerangan & Taklimat:** 10 Oktober 2017
2. **Sesi Gotong Royong & Penubuhan PPip:** 14 November 2017
3. **Sesi Latihan PPip kepada Petugas / Sukarelawan:** 27 & 28 Februari 2018
4. **Perasmian PPip:** 2 Ogos 2018

Dalam bidang kesihatan pula, sejak tahun 2006, Yayasan EMKAY telah menyediakan kemudahan pusat rawatan untuk membantu ahli masyarakat yang memerlukan rawatan dialisis. Tahun ini, sebuah lagi pusat rawatan telah dibangunkan di dalam persekitaran Masjid Cyberjaya 10 dengan tujuan untuk menyediakan rawatan hemodialisis untuk penduduk Cyberjaya dan kawasan sekitarnya yang memerlukan rawatan harian, rawatan tumpangan melalui IJC mahupun fistula.

Pusat rawatan ketujuh yang diberi nama Pusat Dialisis Mustapha Kamal telah disempurnakan pelancarannya oleh YBhg. Tan Sri Datuk (Dr.) Haji Mustapha Kamal bin Haji Abu Bakar pada 2 Ogos 2018. Turut hadir pada Majlis tersebut ialah YBhg. Dato' Haris Bin Kasim, Pengarah Jabatan Agama Islam Selangor dan Tuan Mohd Yazid bin Sairi, Pegawai Daerah Sepang.

Pendaftaran untuk para pesakit yang memerlukan rawatan dialisis masih dibuka dan untuk keterangan lanjut, hubungi Yayasan EMKAY di talian 03 7710 7066.



Wakil pelajar SK RPS Banun bergambar kenangan bersama Y.A.B Menteri Besar Perak dan isteri serta tetamu jemputan.



Adik Muhammad Ary bin Ariffin tersenyum menerima pakaian seragam baharu daripada Y.A.B Menteri Besar Perak, Dato' Seri Ahmad Faizal bin Dato' Azumu.



Ybrs. Tuan Ir. Mahat a/ Mat Dong, Ahli Lembaga Pemegang Amanah Yayasan EMKAY memberi penerangan ringkas tentang PPip.



Adik Afdilea Farieszysya a/p Akuang berkongsi hasil reka bentuk alat mainan dari Kotak Permainan i-build dengan Tan Sri Dato' Abdul Ghafar bin Mahmud, Pengerusi YSPM.





Ruangan dalam Perpustakaan Permainan 'i-play' di SK Penderas.



Upacara menandatangani plak dan memotong riben sebagai simbolik pelancaran Pusat Rawatan Dialisis Mustapha Kamal.



YBhg. Tan Sri Mustapha Kamal beramah mesra dengan pesakit di Pusat Dialisis Mustapha Kamal.



Bahagian luar bangunan Pusat Dialisis Mustapha Kamal.





## BRAINS 2018

### Belum Rainforest Summit

## BRainS 2018

### BELUM RAINFOREST SUMMIT

For the second time, Pulau Banding Foundation (PBF) in collaboration with the Perak State Government, Forest Research Institute Malaysia (FRIM), World Wide Fund for Nature (WWF) Malaysia and the Malaysian Nature Society (MNS) has successfully organised the Belum Rainforest Summit 2018, or BRainS 2018 from the 18th - 21st September 2018 at the Belum Rainforest Resort, Pulau Banding, Gerik, Perak. The Summit was graced by DYAM Raja Di Hilir Perak, Raja Iskandar Dzurkarnain Ibni Almarhum Sultan Idris A'ffullah Shah.

The main theme of BRainS 2018 was 'Forest Biodiversity and Community: A Balanced Approach for Sustainable Development'. The emphasis this year was on how to make use of the Belum-Temengor Rainforest Complex's (BTRC) resources in a sustainable manner that benefits all stakeholders while not neglecting the importance of wildlife conservation.

During the summit, five keynote speakers, 22 invited speakers and a panel discussion were deliberated within the two and half day Summit covering the sub-themes and the main theme.

The sub themes and keynote speakers:

1. Social forestry and community – Prof. Datuk Dr. Denison Jayasooria, Director of the Institute of Ethnic Studies, UKM
2. Stakeholder participation and governance – Mr. Henry Goh, President MNS
3. Forest, REDD Plus and climate change – Dr. Elizabeth Phillips, Head of Climate Change Programme, FRIM
4. Wildlife conservation – Dr. Mark Ryan, Head of Tiger Conservation, WWF-Malaysia
5. Biodiversity and ecosystem services – Prof. Dr. Awang Noor Abdul Ghani, Alumni UPM

Over 80 delegates, mainly local participants comprising of researchers, conservationists, members of local communities, official representatives from government bodies and NGOs came together to discuss pertinent issues affecting the survival and sustainable use of the BTRC.

Government agencies present during this year's Summit included the Forestry Department of Peninsular Malaysia, the Department of Wildlife and National Parks of Peninsular Malaysia (PERHILITAN) and FRIM. Joining them were research bodies such as the Institute of Ethnic Studies UKM, Institute of Climate Change UKM and other local universities. Other participating organisations include the Perak State Park Corporation (PTN), Northern Corridor Implementation Authority (NCIA), MNS, WWF-Malaysia and the Management of Ecology of Malaysian Elephants (MEME) of the University of Nottingham. The summit also received participation from the University of Copenhagen, Denmark.

This year's conference marks a new milestone for BRainS as representatives from both the local government and Federal Government of Malaysia have joined in the discussion. The end of the Summit was marked by a panel discussion with inputs from four panel members highlighting on 'Forest Biodiversity and Community: A Balanced Approach for Sustainable Development'. The four panel members are:

1. Tan Sri Abdul Wahid Omar
2. Prof. Dr. Zalina Ismail
3. Prof. Dr. Awang Noor Abdul Ghani
4. Dr. Mark Rayan



Official launching by DYAM Raja Di-Hilir Perak, Raja Iskandar Dzurkarnain Ibni Almarhum Sultan Idris A'ffullah Shah.



Tree planting ceremony by DYAM Raja Di-Hilir Perak, Raja Iskandar Dzurkarnain Ibni Almarhum Sultan Idris A'ffullah Shah and other dignitaries.



Some of the participants during BRainS 2018.



## VOICES OF THE YOUTH SUMMIT 2018

A parallel summit for young people, entitled Voices of Youth, was also held at the Menara Mustapha Kamal, Damansara Perdana from 1st to 2nd September in conjunction with BRainS 2018. Its delegates also participated in the main Summit and delivered a resolution of their own.



Youth leaders presenting the resolution before the closing of BrainS 2018.



**BRAINS 2018**  
Belum Rainforest Summit

**18 - 21 SEPT 2018**  
**BELUM RAINFOREST RESORT**  
Pulau Banding, Gerik, Perak, Malaysia

### THE VOICES OF ASPIRATION OF OUR YOUTH

#### We the Youth,

**Commit that to the best of our ability, we will carry out the following activities to protect our remaining forest :**

Forest are mankind's life-line for survival and hence we as the youth will do all that is needed within our limits to protect it through awareness creation.

Write to various clubs and Corporate bodies to sponsor activities to spread awareness

Inviting prominent environmental speakers to our schools to share the importance of our remaining Forests.

Spread awareness via social media (including Facebook, Twitter, Instagram etc.) on Belum Temengor and its pristine state that needs to be protected as well as its historical value. Approach social media influencers and collaborate with them on promoting the Belum Temengor Forest through VLogs.

Promote Belum Rainforest by writing whole series of articles in the school magazine and also submitting articles to the daily newspaper to spread awareness among all levels of society.

Become volunteers in the Belum Rainforest during school holidays to contribute towards the conservation efforts currently ongoing.

Organise more school outings to nature parks, picnic sites and forest areas to carry out cleaning-up activities to keep our natural spaces clean.

To live a more sustainable lifestyle (by practicing zero waste and planting trees around our schools and homes).

Raise funds in our schools to contribute to organisations such as the Pulau Banding Foundation that promote wildlife conservation.



**Additionally we Appeal to the Government of the day to put in additional efforts on the following to ensure that our natural environment and resources are kept protected :**

To channel more financial resources into the protection of our forest, environment and for the empowerment of our local communities to improve their living standards. The government should include new state of the art technology for highway monitoring to identify poaching landing areas as well as for wildlife tracking.

To recruit and train more forest rangers to protect our rich biodiversity from being poached and plundered. Have a more regular patrolling schedule. Encourage more employment and training Orang Asli communities to be involved in ranger patrolling and poaching monitoring

To request the law makers and implementers to enforce stricter laws, harsher punishments and penalties to those caught poaching and plundering the forest. Enforce penalty to traders of wildlife products as well as the customers who consume these products.

To strengthen relations with neighbouring countries such as Thailand, Cambodia, Vietnam and Laos, to increase border security and prevent illegal trafficking of endangered wildlife

To promote sustainable eco-tourism through building of nature friendly facilities in forest areas and to take into account the site carrying capacity with locations in the forest to ensure minimum damage to the forest areas.

To treat Orang Asli community with respect during visits to their village.

To introduce an environmental education course in the school curriculum at all levels as well as Universities to instil in all the value and importance of our natural resources and the need for their protection



**THIS IS OUR VOICE. HEAR US.**

Voices of aspiration of our youth during BRainS 2018.





Forum Panel Members.



Dr Daniel Baskaran as the forum moderator.

## UTAR CONFERENCE

An International Conference on Tropical Biodiversity 2018 was successfully held from 8 to 11 October 2018, at Tower Regency Hotel in Ipoh. The conference was jointly organized by UTAR's Centre for Biodiversity Research (CBR), South China Botanical Garden (SCBG) (Chinese Academy of Science), Bogor Agricultural University, Society for Conservation Biology, Malaysian Society of Applied Biology, Rimba Ilmu (University of Malaya), Universiti Malaysia Terengganu, University Kuala Lumpur (UniKL) MICET, The University of Nottingham Malaysian Campus, Monash University Malaysia, Yayasan Bina Lestari, and Pulau Banding Foundation.

Prof. Dr. Goh, the organizing chairperson of the Conference of UTAR, in her welcome speech expressed the importance of our biodiversity which are the building blocks that make up the biomes which results in the stability of our ecosystems. Essentially, all living things in this world coexist and interact every day. Only with the right understanding can we manage our ecosystem more sustainably. Scientific research on biodiversity is therefore critically important for us to gain fundamental knowledge that will benefit us and to ensure that the environment we live in is sustainable and perpetual.

During the Conference period, on the 9th October, 2018, from 4.00 pm to 6.00 pm, a public forum was conducted. The theme of the forum was 'Preservation of Biodiversity, A way forward for better life'. Dr. Daniel Baskaran, the Technical advisor from the Pulau Banding Foundation was invited to moderate the forum. The guest speakers for the day were Dato Seri Dr. Gathorne Gathorne-Hardy, the 5th Earl of Cranbrook, U.K.; Dr. Chan Jin Hooi, Senior Lecturer from the University of Greenwich, U.K. and Professor Dr. Ahimsa Campos-Arceiz, an Asian Megafauna conservation ecologist from the University of Nottingham Malaysia. The forum was well attended both by the Public and the conference participants. In total there were about 118-120 persons attending the forum. This included also some secondary school students from Ipoh.

The invited speakers each were given some time to expound their experiences and what they felt needs to be done to preserve our existing biodiversity. In their deliberations, the following were expounded:

### What is the meaning of Biodiversity?

The number of species of plants, animals, and microorganisms, the enormous diversity of genes in these species, the different ecosystems on the planet, such as deserts, rainforests and coral reefs are all part of a biologically diverse Earth.

### How is Biodiversity Important to Mankind

At least 40 per cent of the world's economy and 80 per cent of the needs of the poor are derived from our biological resources. Furthermore, the richer the diversity of life, the greater the opportunity for medical discoveries, economic development, and adaptive responses to new challenges like climate change.

Biodiversity boosts ecosystem productivity where each species, no matter how small, all have an important role to play (Eg. Healthy ecosystems can better withstand and recover from a variety of disasters).

A healthy biodiversity provides a number of natural services for everyone which is free of charge:

#### 1. Ecosystem services, such as

- Protection of water resources
- Soils formation and protection
- Nutrient storage and recycling
- Pollution breakdown and absorption
- Contribution to climate stability
- Maintenance of ecosystems
- Recovery from unpredictable events

#### 2. Biological resources, such as

- Food
- Medicinal resources and pharmaceutical drugs
- Wood products
- Ornamental plants
- Breeding stocks, population reservoirs
- Future resources
- Diversity in genes, species and ecosystems

#### 3. Social benefits, such as

- Research, education and monitoring
- Recreation and tourism
- Cultural values

#### Other Aspects

Additionally, Dato Seri Dr Gathorne-Hardy enlightened the participants on ways of approaching policy makers, and ways to influence policy makers in order to get the message on the importance of Biodiversity Conservation out to all. Dr. Ahimsa also emphasized that megafaunas like elephant are very important to the forest as they act as farmers transferring species of trees from one part of the forest to another through their dung while other apex species like tigers play their role in providing a check and balance between flora and fauna. Dr Chan emphasized that in this new era of technology development, technology innovations can be developed to study and protect our biodiversity. He gave an example of how conservationist are using virtual reality (VR) technology to enable public to see the beauty of the Amazon forest and understand why it is important to protect these biodiversity. In a second example he said that modern technologies can be used to raise funds for Biodiversity Research (E.g. apps developed on mobile phones to raise funds through the process of crowd-funding)

The Q&A session also led to interesting discussions on matters, such as management of resources; the need for improving quality of life and managing human consumption; and education method to encourage participants from the younger generation in conservation efforts.





The 32 participants and the facilitators.



Hamiazrim bin Baharim presenting a coffee table book 'Glimpses' to MOTAC Perak Director, En. Mohd Hizaz Mohd Ibrahim as one of the lecturer, witnessed by En. Bakri Zulkifli Sim, PPPTT secretary.

## WORKSHOP FOR NATURE GUIDES IN TASIK TEMENGOR

A workshop for the Nature Guides within the Belum-Temengor area was organised by Pulau Banding Foundation (PBF) in collaboration with the Perak State Park Corporation (PSPC) and Temengor Lake Tourism Entrepreneur Association (Persatuan Pengusaha Pelancongan Tasik Temengor - PPPTT). It was a joint decision by the stakeholders back in 2017, for purposes of producing a group of qualified guides in the Belum-Temengor area. This workshop was first known as the Belum Green Badge, and later was changed to 'Bengkel Pemantapan Ilmu Pemandu Pelancong Tasik Temengor'.

The most recent course was held from the 2nd to the 24th of October, conducted at the Belum Discovery Centre's gallery. For four (4) consecutive weeks, the participants took two (2) days a week off their normal routine to attend this course.

A number of activities were conducted during the sessions including short talks, group discussions, individual and group presentations, case studies through video clips, activities to boost energy, self-discovery as well as role play. The lessons learned during each of the activities are described in detail, so as to enable the participants to internalise and thereon, put into practice what they have learnt in their daily work.

At the end of the workshop, participants are expected to adopt a new work culture suited for a tourist guide, improve interaction and ability to communicate with customers, develop a strong personality in line with current needs and most importantly to disseminate accurate information with regards to flora, fauna, and the ecosystem of the forest to guests, travellers and nature lovers.

A total of 32 participants took part in the workshop comprising of local tourism operators and five (5) orang asli working in various departments within the Belum Rainforest Resort. The lecturers were officers from the various departments in Ministry of Tourism, Arts and Culture (MOTAC), Ministry of Health, Department of Orang Asli Development, Majlis Daerah Gerik, Forestry Department, Wildlife Department, Fire and Rescue Department, Fisheries Department and instructors from PPPTT. A total of 18 invited lecturers shared their knowledge with the participants throughout the 8 days workshop.

The closing ceremony for the workshop was held on 24th October 2018, and was graced by Encik Ahmad bin Sufain, Director of MOTAC's Perak.



BOMBA Perak demonstrating a practical method on water safety and handling of a boat.



How to handle encounters with wild animals - demonstration by Mohd Najib Mohd Ali.



Practical on water rescue.





1st Belum Forest Friends program.



2nd Belum Forest Friends program.



Briefing on the planting of the 'Karas' trees.

## KARAS PLANTING PROJECT

In Malaysia, there are 5 species of *Aquilaria* that are known to produce Gaharu, a dark and oily aromatic resin. Gaharu is derived from Sanskrit times known as "aguru", a corruption of the Sanskrit word "garu" (heavy) which refers to the tendency of resinous woods to sink in water. Gaharu is an expensive, sought after, commodity especially in the Middle East and Saudi Arabia. The main use of Gaharu is for the incense, in cosmetic and medicinal applications. Today, Gaharu is one of the highly priced incense and a rare non-timber forest product (NTFP) traded in the world.

The genus *Aquilaria* is listed on CITES Appendix II, which restricts and regulates the trading of the trees or part/products derived from them. *Aquilaria* genus is classified as the least vulnerable (VU) in IUCN Red List (facing high risk of extinction in medium-term future) which is a result of aggressive and illegal harvesting of Gaharu in the wild. In Malaysia, *Aquilaria* genus known as Karas tree produces high quality Gaharu when extracted from trees in the wild.

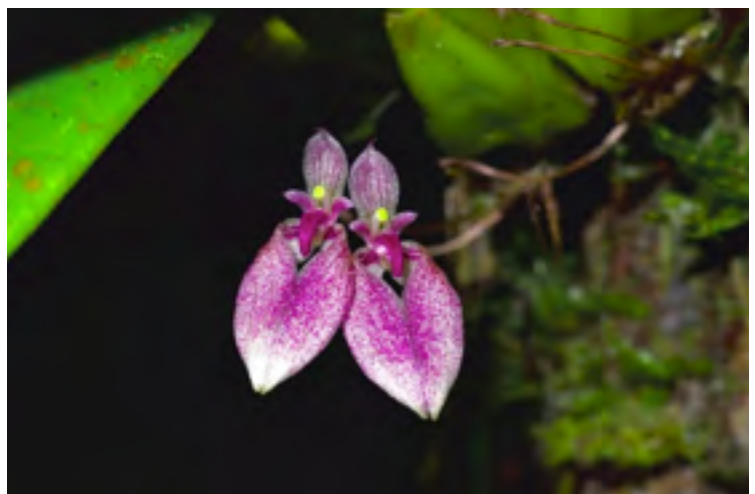
Pulau Banding Foundation has initiated a Karas planting project in Pulau Banding. The project started in April 2018 involving a one hectare sloping land area in the northern part of Pulau Banding.

The project started with the clearance of the area which was then terraced for easier silvicultural management of the trees planted there. *Aquilaria malaccensis*, which is the most common species found in the forest of Peninsular Malaysia was used for planting in this project. Seedlings, four feet high, which approximately is about one year old have been planted in an organized fashion in the area. To date, 1,600 seedlings have been planted in the area with the first batch of 1,000 planted in May 2018 and the balance of 500 was planted in June 2018.

This Karas project is also a pilot project for research purposes. It will also become a model for the aborigines of Belum-Temengor Rainforest Complex who are interested in planting Karas trees for Gaharu production. This is part of the Pulau Banding Foundation's efforts to reduce harvesting of Gaharu from Karas trees in the wild. Additionally, the population of Karas in the wild is also declining, due to illegal harvesting of these trees by intruders into the forest.

It will take a minimum of seven years before the Karas trees are ready to be inoculated, and for them to start producing Gaharu. The inoculation technique is a process where artificial inoculants are injected into the tree to assist it to produce Gaharu. After a minimum of 16 months, the Karas tree will start producing Gaharu of various grades and may be sold as raw Gaharu wood or distilled gaharu oil.





## PROJEK KOLEKSI ORKID HUTAN BELUM-TEMENGOR DI BELUM RAINFOREST RESORT

Orkid/Angerik atau nama timangannya "Pandas of the Plant Kingdom" merupakan sejenis tumbuhan berbunga yang mempunyai habitat yang sangat luas kerana ianya boleh dijumpai sama ada di atas tanah, celahan batu atau menumpang di atas pokok lain yang sesuai dengan keperluan hidupnya. Walau bagaimanapun, habitat yang paling digemari orkid adalah kawasan lembap berhampiran sungai atau di atas pokok tinggi untuk mendapatkan cahaya matahari.

Kebenaran daripada pihak Jabatan Perhutanan Negeri dan Daerah diperlukan sebelum pengumpulan orkid dilakukan kerana ianya melibatkan hasil hutan.

Kerja-kerja pengumpulan koleksi orkid dilakukan menggunakan khidmat orang asal dan penyelidik serta individu yang mempunyai pengetahuan tentang orkid di sekitar kawasan hutan Kompleks Belum-Temengor. Orkid-orkid yang dikumpul akan dikenal pasti namanya bagi memudahkan pengunjung untuk mengenali tumbuhan tersebut.

Orkid dilekatkan pada batang pokok atau ditanam semula mengikut keadaan di habitat asalnya. Sekiranya perlu, batang pokok atau medium tanaman lain akan diletak sebagai dekorasi kawasan terbabit. Penyembur kabus dipasang di beberapa lokasi bagi menyediakan persekitaran dan kelembapan yang sesuai untuk pertumbuhan orkid.

Berdasarkan beberapa penyelidikan saintifik yang telah dijalankan oleh Pulau Banding Foundation dan Jabatan Perhutanan Gerik di lokasi seperti Sungai Nam, Sungai Kejar dan Sungai Tiang, terdapat kira-kira 40 spesies orkid yang dikenalpasti hidup di dalam hutan Belum-Temengor. Walau bagaimanapun sepanjang tahun 2018 ini sahaja, projek ini telah berjaya menemui dan mengumpul hampir 45 spesies. Ada di antaranya tidak tersenarai di dalam laporan hasil penemuan ekspedisi sebelum ini! Ini mungkin kerana kawasan liputan ekspedisi adalah terhad. Ia juga menunjukkan bahawa kompleks hutan ini masih menyimpan ribuan rahsia yang belum terungkai.

Antara orkid istimewa yang diperolehi dalam projek pengumpulan ini adalah orkid harimau (*Grammatophyllum speciosum*) iaitu spesies orkid terbesar di dunia yang berasal dari Asia Tenggara. Ia tumbuh di celah-celah pokok besar di kawasan terbuka Hutan Tropika tanah rendah.

Orkid harimau boleh menghasilkan tangkai bunga yang banyak. Ada kalanya antara 20 hingga 30 tangkai yang akan menjadi tarikan utama pengunjung apabila ianya berbunga. Bunganya boleh bertahan sehingga tiga bulan. Spesies orkid harimau ini disenaraikan dalam Guinness Book of World Records sebagai orkid tertinggi di dunia dengan ketinggian 7.62 meter.

Orkid lain yang bakal menjadi perhatian ialah orkid jenis *Bulbophyllum lobbii*, *Bulbophyllum claptonense*, *Bulbophyllum lionese* dan *Bulbophyllum macranthum*.





# NEWS FROM THE ORANG UTAN ISLAND, BUKIT MERAH



**26 June 2018**

30 students from Villa international High School, Maldives, attended the veterinary workshop at the Orang Utan Island. This one-day workshop was conducted for purposes of creating awareness and interest in veterinary science among the students. The sharing of experience by the veterinary doctor and nurses in conducting their daily operations at the research center, was among the high light of the visit.



**30 June 2018**

Students from SK Mempaga 2, Pahang attended the education program conducted by the Orang Utan Island Foundation. It was the objective of the organizing committee to spark interest among the youngsters about protection and conservation of one of Malaysia's icon. Various activities were conducted for the students to understand the conservation process carried out on the island. At the end of the program, the students were awarded with a certificate of attendance.



**16 August 2018**

Staff Training on Biochemistry analyzer for veterinary nurses conducted by Mr Dave from Scil Veterinary Excellence Malaysia.



**15 October 2018**

Prof. Dr. Abdul Karim Russ Hassan – Head of Research & Post Graduate Studies Department, Royal College of Medicine Perak, visited the island to discuss on a possible research and collaborative programme with the foundation. We look forward to working with you and your organisation, Sir!



**19th October 2018**

## Sharing of knowledge at the Veterinary Association of Malaysia Conference

Dr. D. Sabapathy CEO of the Bukit Merah Orang Utan Island Foundation attended the Veterinary Association Malaysia Conference at PJ Hilton Kuala Lumpur. He presented two papers, namely **“Meningitis in orangutan”** and **“Respiratory tract infection in infant orangutan”**, which was well received.



**29 November 2018**

Dr. D. Sabapathy was invited to present a paper titled **“Management of the Orangutan”** at a seminar on Biodiversity organized by the Malaysia Wildlife Department. An interesting mix of wildlife topics were presented during the seminar which was attended prominent conservation biologist, zoologist and veterinarian.





#### 26th to 30th November 2018

A workshop was conducted for a group of students from Po Leung Kok School, Hong Kong. They learnt of the various activities in veterinary medicine and conservation biology. On their last day of the three day programme, an amazing race was organized for them filled with activities related to conservation.



Dua orang pelajar dari SK Tebuk Pancur telah ditemuramah ketika program "Malaysia Smart Tourism 4.0".

## PENGGAMBARAN PROGRAM "MALAYSIA SMART TOURISM 4.0"

"Malaysia Smart Tourism 4.0" adalah satu program yang dianjurkan oleh Tourism Malaysia sebagai salah satu usaha untuk memperkenalkan pusat-pusat perlancongan di Malaysia. Objektif utama program ini adalah untuk menarik perhatian pelancong-pelancong dari Negara China. Bagi tujuan tersebut, pihak Tourism Malaysia telah menjemput syarikat digital dari China iaitu Geeko Tech Tencent yang berpangkalan di Malaysia untuk mempromosikan pusat-pusat perlancongan di Malaysia.

Pulau Orang Utan Bukit Merah telah dipilih sebagai salah satu pusat perlancongan yang menarik di Malaysia untuk dipromosikan dalam program tersebut. Dua selebriti dari Malaysia dan China iaitu Pei Fong (Juruhebah My.fm) dan Yang Zi telah diberikan tanggungjawab untuk menjadi pengantara program tersebut. Pada 5 Jun 2018, kedua-dua selebriti tersebut bersama-sama krew penggambaran "Malaysia Smart Tourism 4.0" dari syarikat Geeko Tencent-Tourism Malaysia telah datang ke Pulau Orang Utan Bukit Merah untuk menjalani penggambaran.

Seramai sepuluh (10) orang pelajar-pelajar dari Sekolah Tebuk Pancur telah dijemput untuk menjalani penggambaran tersebut. Beberapa kakitangan di Pulau Orang Utan juga terlibat secara langsung dan tidak langsung semasa penggambaran dijalankan. Penerangan tentang operasi di pulau ini juga telah diberikan kepada pengantara program ketika penggambaran berlangsung, oleh Dr D Sabapathy, Ketua Pegawai Eksekutif Yayasan Pulau Orang Utan Bukit Merah. Antara aktiviti yang dirakamkan ketika penggambaran ialah program pendidikan, operasi di Pulau Orang Utan dan aktiviti seharian orang-utan.



Bye bye Carlos!

## CARLOS RETURNS TO THE WILDS OF SARAWAK

In the spirit of the MOU signed in year 2002, between the Bukit Merah Orang Utan Island Foundation (BMOUIF) and the Sarawak Forestry Corporation (SFC), one of the orangutans was sent back into the wild in Sarawak in October 2018. Earlier, in a ceremony witnessed by the YAB Prime Minister of Malaysia, on 6th July 2018, SFC has agreed to welcome back the Bornean Orang Utan (*Pongo pygmaeus*) and thereon, detailed arrangements have been made by both parties to send Carlos home. Carlos was sent to the Orang Utan Island Bukit Merah on 20th December 2002, one of the 9 orang utans received from the SFC.

Yes, Carlos might not need a ticket to fly, but he needs to be accorded with the respect reserved for VIPs and the most comfortable seat to go home! A series of discussions were held between SFC and BMOUIF to ensure a smooth and safe transfer of Carlos. Inputs from the experts were sought and approvals from various authorities were obtained, before the scheduled flight.

His journey started when he was transported on a truck from Bukit Merah, on 25 October 2018 to the Subang Airport. Then on to Kuching on flight TH315 which arrives at 2:30 pm on 26th October 2018.

He might be alone during the journey. But, upon arrival, he was greeted by a team of experts and a veterinary doctor from BMOUIF and SFC officials. Upon arrival in Kuching, on 27th October 2018, Carlos was transferred to the Matang Wildlife Centre.

Thereon, we learnt that he will undergo a quarantine period of 90 days, his second phase of rehabilitation, prior to being released into the forest.





Biodiversity Treasure Challenge.



Para peserta dibawa ke Pusat Konservasi Paya Bakau dan kilang arang di Matang, Perak untuk mempelajari tentang kepentingan memelihara Paya Bakau.

## LAPORAN KEGIATAN DAN PENCAPAIAN GREEN RANGER MALAYSIA (GRM) BAGI TAHUN 2018



### Latar belakang

Sejak dilancarkan pada bulan Jun 2011, Program Green Ranger Malaysia (GRM) telah dijalankan secara berterusan dan kini, telah melibatkan lebih dari 4,000 orang para pelajar semua peringkat dari seluruh negara. Program ini yang mendapat sokongan penuh dari Bahagian Ko-Kurikulum dan Kesenian, Kementerian Pendidikan Malaysia telah dikenali sebagai salah satu program ko-kurikulum yang menepati dasar pendidikan negara kerana modulnya :-

- mengimbangi fizikal dan kerohanian
- merangkumi pembelajaran dan pengajaran
- menjadikan pembelajaran menyeronokkan
- merangkum agenda semua pihak yang berkepentingan
- menjadikan sekolah menarik
- menerapkan nilai-nilai yang murni
- menggalakan integrasi
- memenuhi masa
- menjana minat

### Senarai Kem Green Ranger Malaysia yang telah berlangsung sepanjang tahun 2018

| Bil. Kem | Sekolah/Organisasi  | Jenis Kem         | Peserta    |                  |            |
|----------|---|-------------------|------------|------------------|------------|
|          |   |                   | Pelajar    | Guru / Pensyarah | Jumlah     |
| 1        | SMK Sg. Tiang, Pendang, Kedah   | Navigator         | 35         | 5                | 40         |
| 2        | Politeknik Ungku Omar, Ipoh, Perak  | Explorer          | 35         | 2                | 37         |
| 3        | SMK Sultan Badlishah & SMK Sg. Kob, Kulim, Kedah  | Navigator         | 35         | 5                | 40         |
| 4        | SK Kuala Gula, Kuala Kurau, Perak   | Hornbill          | 35         | 5                | 40         |
| 5        | SMK Yaacob Latif, Kuala Lumpur  | Navigator         | 35         | 5                | 40         |
| 6        | SMK Lunas, Kedah  | Navigator         | 35         | 5                | 40         |
| 7        | SK Cyberjaya, Selangor  | Hornbill          | 34         | 6                | 40         |
| 8        | Sk Seri Cheding, Selangor   | Hornbill          | 35         | 5                | 40         |
| 9        | Universiti Putra Malaysia - Zoologi   | Explorer          | 37         | 3                | 40         |
| 10       | Universiti Putra Malaysia - Teknologi Makanan   | Explorer          | 36         | 2                | 38         |
| 11       | Sekolah-Sekolah Gerik, Perak<br>a. SMK Gerik<br>b. SMK Batu 4<br>c. SMK Sultan Idris Shah | Pioneer           | 24         | 6                | 30         |
| 12       | SK Telok Teduri, Kedah  | Hornbill          | 35         | 5                | 40         |
| 13       | SK Tunku Besar, Tampin, Negeri Sembilan   | Hornbill          | 35         | 7                | 42         |
| 14       | KiTe  | Hornbill          | 40         | 10               | 50         |
| 15       | KiTe  | Pioneer/Navigator | 43         | 11               | 54         |
| 16       | SMK Putrajaya 9 (1), Putrajaya  | Navigator         | 30         | 5                | 35         |
|          |   | <b>Jumlah</b>     | <b>559</b> | <b>87</b>        | <b>646</b> |



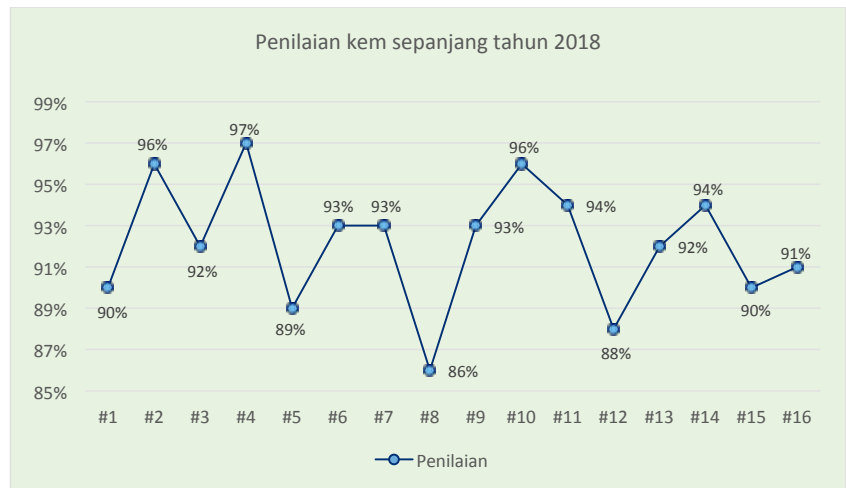


Para peserta kem dibawa ke Pulau Orang Utan Bukit Merah.



Pelajar dari beberapa universiti mengambil bahagian dalam Kem Green Ranger Malaysia.

**Kem-kem yang telah dilaksanakan dan penilaian peserta** Sepanjang tahun 2018, sebanyak 16 kem GRM termasuk program tahunan GRM iaitu Kids Interactive Expedition (KiTE) telah dijalankan. Berdasarkan borang penilaian para peserta, peratus kepuasan tentang kem-kem yang dijalankan amatlah menggalakkan :-



## KIDS INTERACTIVE EXPEDITION (KiTE) 2018

Tahun ini, program KiTE telah diadakan Bukit Merah Resort, Perak, yang menyaksikan penyertaan 25 buah sekolah dengan seramai 104 orang peserta. Program yang dibahagi kepada dua kem, Hornbill dan Pioneer telah dijalankan pada 9 hingga 12 November 2018, manakala kem untuk peserta sekolah menengah telah diadakan pada 12 hingga 15 November 2018.

Tugasan pra-kem, KSSP (KiTE School Sustainability Programme) atau dalam Bahasa Malaysiannya, Program Kelestarian Sekolah KiTE telah diteruskan pada tahun ini. Tugasan ini diberikan kepada setiap kontingen sekolah sebulan sebelum tarikh ekspedisi KiTE.

Tahun ini, para peserta diberi pilihan untuk menjalankan salah satu daripada topik berikut :-

1. Cabaran 30 hari 'Zero waste'
2. Projek 'Zero waste' sekolah
3. Penggunaan tenaga (elektrik, solar, pengudaraan dan tenaga yang boleh diperbaharui)
4. Penggunaan air
5. Ecopreneurship

Objektif tugasan ini adalah untuk mengajar peserta tentang kelestarian melalui perancangan, pelaksanaan dan pengkajian semula kaedah kelestarian yang digunakan di sekolah setiap hari. Peserta diwajibkan untuk membentangkan projek yang telah dijalankan di sekolah masing-masing pada malam terakhir ekspedisi KiTE. Melalui tugasan ini, adalah diharapkan agar setiap peserta dapat meningkatkan pengetahuan tentang konsep sisa sifar "zero waste" dan kelestarian dan dapat mempraktikkan apa yang telah dipelajari dalam kehidupan seharian.

Program tahun ini turut melibatkan barisan saintis/mentor dari Universiti Sains Malaysia, yang telah berkongsi kepakaran mengikut bidang masing-masing terutama dalam pelaksanaan eksperimen.

Adalah menjadi harapan, agar GRM akan terus berkembang dan bertapak di setiap sekolah di Malaysia, agar hasrat pengasasnya, untuk mengubah minda dan sikap generasi muda agar sayangkan alam semula jadi akan tercapai.





The writer and other participants were shown the pugmark plaster cast as one of the technics to obtain pugmark trace during the practical session.

## PUGMARK SUPERCAMP

By Hanafi Mohd Noor, Belum Rainforest Resort

No doubt that it is hard to deny that the large creature which belongs to the cat species is an attraction to our country since a very long time. People just could not escape from giving attention to the 'king of the forest'. Often, one of the first questions from foreign guests at Belum Rainforest Resort is about 'Tiger'. This always happen from my experience at the 'Front Office' during our short briefing, informal chat or during my 'nature guiding' for trips organized by the resort.

On the 11th Oct 2018, I was lucky enough to be nominated by the resort management to participate in the annually run 'Pugmark Supercamp' in Bukit Merah Laketown Resort, Perak. Over the course of three days, we were taught of the Feline species itself, the population, habitat, demographic and their problem posed in the modern day especially with poachers and the 'human/beast' conflicts.

I especially paid great attention on the knowledge of traps and snares used to capture the big cats as well as the method to detonate the traps. The valuable knowledge could come in handy someday, perhaps when I encountered the 'lethal trap' itself. Yes, the trap is lethal; you should see some of the poor beasts at the non-publicized conservation center (National Wildlife Rescue Centre) that the organizer brought us to, in

Sungkai, Perak on the last day of the course. I get to see for myself that some of the tigers that were saved have already lost their limbs due to the traps laid by poachers.

Talking about poachers, the beast that we called 'Panthera Tigris Jacksoni' is unfortunate despite their high economic value, as their high price put a great demand on the mostly illegal market. The already dwindling numbers from 250 individuals (on latest statistics) facing downward trends due to poaching and land development. Malayan Tigers are facing real threat to survive in modern days. "We can't afford to lose them", said Puan Zainon Kasim (on behalf of Yayasan Emkay), "They are the king of the forest, they are depicted as icons in our country, even a financial institution, sport teams..... Moreover, lack of tigers means the ultimate destruction of the forest as they are, whether you like it or not, part of the forest eco system, if not a major part".

For such a large beast (total length ranged from 190 to 280 cm, height ranged from 61 to 114 cm, and their body weight from 47.2 to 129.1 kg), tigers are such a vulnerable creature nowadays.

The three days course attended by various government agencies and some private bodies was very important to increase awareness among us not just about tigers but also about our environment. I hope such programme, organized by Yayasan EMKAY can be increased in frequency and numbers and be made accessible to the masses including the school children.





Group photo with En Wan Shahrudin Wan Nordin, Perak PERHILITAN Deputy Director.



Snare expert from PERHILITAN, Enkic Zainal explaining about snares installed by poachers.

I can also vouch that the 'Green Rangers' engaged to facilitate the course were sincere and efficient in delivering the delicate subjects. Bravo to all and let us pray that our grandchildren can learn about tigers as their current occupants of our forest, not just as legend and myth of a dead beast.

#### Participating Agencies

1. PERHILITAN
2. Belum Rainforest Resort
3. BOMBA Gerik
4. Majlis Daerah Gerik
5. Pejabat Daerah dan Tanah Hulu Perak
6. Pejabat Hutan Daerah Hulu Perak
7. Pejabat Pendidikan Daerah Hulu Perak
8. Perbadanan Taman Negeri Perak



Water confidence and bamboo rafting is part of the camp module to help participants to gain water confidence.



## THE FOUNDATIONS IN THE MEDIA

Acquiring media exposure especially air time, live or recorded, would be a costly business for any foundation. In 2018, the three foundations have been privileged in being accorded free media coverage for their respective activities or programmes. This has, in turn, created awareness on the various 'causes' championed by each foundation and hopefully in the long run, this will cause a massive ripple which will spark interest and desire to act.

We would like to take this opportunity to thank our media friends who have gone all out to give us, the foundations, an outlet to share our stories with not just the country, but the world.

RTM (Panorama, Tumit Tinggi), Aysik FM, IKIM and Bernama News Channel as well as Bernama Radio, and Berita Harian, Kosmo!, Perak Today, Borneo Post from the printed media agencies, to name a few. You have not only given us coverage but more importantly, you have given a voice to those who have no opportunity to speak for themselves – the insects, the trees, the Orang Utans, the Orang Asli communities deep in the forest area and all the animals that are being threatened. Only The Almighty can repay your kindness. *Terima Kasih.*

Among others, the following are the radio and television programmes that have given coverage, especially on the efforts by Yayasan EMKAY and Pulau Banding Foundation in the Belum-Temengor area :-



Berita Wilayah.



IKIM.FM.

| Agency        | Name of Program  | Topic of Discussion  | Duration | Airtime (Date)         |
|---------------|------------------|--|----------|------------------------|
| RTM           | Panaroma         | Kids' Interactive Expedition (GRM) and Orang Utan Island Educational Program           | 30 mins  | 2 March, 9:00 pm       |
|               |                  | Community Development Program in Belum-Temengor Rainforest Area (Belum Forest Friends) | 30 mins  | 3 August, 9:00 pm      |
| RTM           | Tumit Tinggi     | Educational program at Toy Library Kg Semelor, Gerik, Perak                            | 30 mins  | 23 September, 12:05 pm |
| RTM-Asyik FM  | Bersama Kita     | Karnival Kerjaya dan Skim Latihan Masyarakat Orang Asli Belum-Temengor                 | 30 mins  | 2 February, 11:30 am   |
| Bername Radio | Ala - Carte Pagi | Belum Rainforest Summit (BRAINS) 2018  | 30 mins  | 13 September, 8:30 am  |
| Radio-IKIM    | Warna Pagi       | GRM - Train the Trainer Camp (importance of environmental education programmes)        | 30 mins  | 23 November, 9:30 am   |
| RTM           | Berita Wilayah   | Mini Karnival Kerjaya dan Pemeriksaan Kesihatan Masyarakat Orang Asli Belum- Temengor  | 2 mins   | 8 December, 5:30 pm    |
| Bername TV    | The Nation       | Community Development Program in Belum-Temengor Rainforest Area                        | 30 mins  | 24 December, 3:30 pm   |





The Nation, Bernama News Channel.



Behind the scene.



Panorama, RTM - Belum Forest Friends.



Panorama, RTM - Kids Interactive Expedition.



Asyik FM.





# Donation Drive

In continuing our efforts of the orangutan conservation, the Bukit Merah Orang Utan Island Foundation welcomes donations from organisations and the public.

Bank name : Maybank  
Account name : Yayasan Pulau Orang Utan Bukit Merah  
Account number : 508056331903  
Email : yayasanpou@gmail.com



All donations are tax exempted.



**Helping Hand  
For Orangutan**



**See Them,  
Save Them**

**Bukit Merah Orang Utan Island Foundation**  
Jalan Bukit Merah, 34400 Semanggol, Perak, Malaysia.

Fax / Tel : **05-890-8110** / [www.orangutanisland.org.my](http://www.orangutanisland.org.my) /  
[facebook.com/yayasanpulauorangutan](https://facebook.com/yayasanpulauorangutan) [instagram: bmouif](https://instagram.com/bmouif)