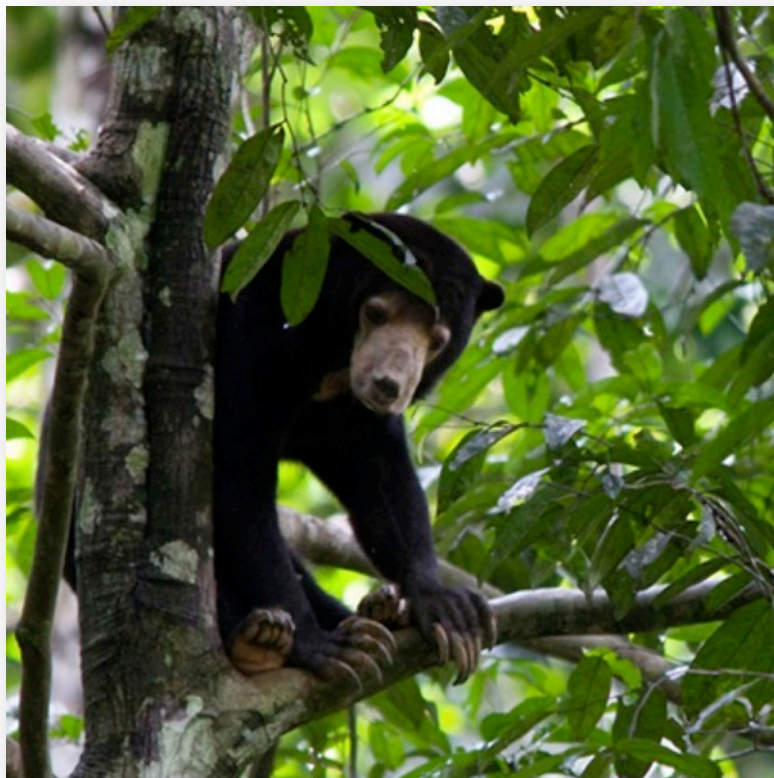


BORNEAN SUN BEAR CONSERVATION CENTRE



ANNUAL REPORT – 2011



BORNEAN SUN BEAR CONSERVATION CENTRE
PPM 219, Elopura, 90000 Sandakan, Sabah, Malaysia

<http://sunbears.wildlifedirect.org/>

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INTRODUCTION

The Bornean Sun Bear Conservation Centre (BSBCC) is a sun bear rescue and rehabilitation facility being developed in Sabah, Malaysian Borneo. Malayan sun bears are found only in Southeast Asia and are classified as Vulnerable by the IUCN Red Book Listing of Endangered Species and are included on Appendix I of CITES. In Sabah, these bears continue to be threatened by forest degradation and habitat loss, illegal hunting for bear parts and to protect crops, and poaching to obtain young cubs for the pet trade. As a result of these threats, young sun bears can be found living in unnatural and solitary captive conditions in Sabah, with no access to outdoor areas. The goal of the new BSBCC is to promote Malayan sun bear conservation by (1) creating the capacity to confiscate, rehabilitate and release suitable orphaned and ex-captive bears back into the wild; (2) providing an improved long-term living environment for captive bears that cannot be released; and (3) educating the public and raising awareness about this little known species through visitor programmes, outreach and support for further research.

PROJECT BACKGROUND

The BSBCC was established as a not for profit organisation in Sabah in 2008. It is a joint project between sun bear researcher Siew Te Wong, Land Empowerment Animals People (LEAP), the Sabah Wildlife Department (SWD) and the Sabah Forestry Department (SFD).

The project consists of a two-stage effort to provide for the care, rehabilitation and release of orphaned and captive sun bears, as well as much-needed education and awareness for the species. The first stage of the project is to build a new bear rescue facility (BSBCC) to house and rehabilitate rescued bears in their natural habitat with an affiliated visitor centre to provide education and awareness about these bears. The second stage of the project is to identify and set up a forest release site for those captive bears that have been evaluated and found suitable for return to the wild. This stage includes initial surveys of protected forest areas, such as Tabin Wildlife Reserve, Deramakot Forest Reserve, Danum Valley Conservation Area and Ulu Segama-Malua Forest Reserve, to determine existing populations and carrying capacities as well as the protection status. Once a site is identified, a small facility consisting of large forest enclosures will be constructed to allow for short-term care of the bears during soft release back into the forest and to allow for post-release monitoring and research.

The BSBCC facility is located directly adjacent to the world-renowned Sepilok Orang Utan Rehabilitation Centre (SOURC) in Sandakan, Sabah, on the site of an old bear house and a former rhino enclosure provided by SWD, along with several hectares of adjacent forest provided to the project by the SFD. The Centre includes large forest enclosures in existing primary forest in order to provide a natural environment better suited to the needs and welfare of the bears and to facilitate the rehabilitation, training and return of individuals to the wild. Sun bear mothers spend the first 2-3 years of their cub's life teaching survival skills. The Centre will aim to teach these skills to orphaned/ex-captive bears before they are reintroduced into the wild. The Centre also aims to provide critical outreach, information and educational materials to promote knowledge and awareness of this little known species locally, regionally and internationally, and serve as a base for continued sun bear research in Sabah.

The Centre will have capacity for 43 bears, accommodated in two new bear houses and eight large fenced forested enclosures. Construction of the first bear house, with a capacity of 20 bears, was completed in early 2010, and bears previously kept in cramped quarters in the old bear house were successfully moved into the state-of-the-art new facilities. These bears were able to go out into the adjoining forest enclosures and experience their natural habitat again, some after spending many years

in small cages. Since then more bears have been brought to the Centre, bringing the total at the end of 2011 to 23.

Funding was received in 2011 from the Malaysian Federal Ministry of Tourism, through SWD, for the construction of an observation platform to view the bears in the forest enclosures and access trails to the platform from the old bear house, an access boardwalk from the main car park at Sepilok, and upgrading of the existing roads and drains. Construction began in August 2011 and is expected to be completed in March 2012.

The next stage of the project will include renovation of the old bear house to create offices, a new bear holding area and a visitor reception area and shop, as well as construction of the all-important second new bear house and associated outdoor enclosures. It is hoped BSBC will be ready to open to the public in early 2013.



The new bear house in June, 2011.

OPERATIONS

BSBCC Board of Directors

Cynthia Ong and Wong Siew Te remained as BSBCC Directors during 2011. The Directorships of Mr. Fred Kugan, Deputy Director of SFD, and Mr. Augustine Tuuga, Deputy Director of SWD, were still in process.

Meetings with Partners

Throughout the year four meetings were held between partners LEAP, SFD and SWD, on 2 March, 2 June, 22 September and 12 December 2011.

Staffing

Wong returned to Sabah to take up his duty as CEO at BSBCC on 14 February 2011.



Wong in his office in the old bear house at BSBCC.

Wai Pak continued as BSBCC Acting Project Manager, assisted by Animal Keepers David bin Tahir and Daniel Erikson bin Majilir.

BSBCC staff continued to be assisted in day-to-day tasks and operations by rangers from SOURC.

Trading Licence

A Trading Licence for BSBCC Sdn Bhd was obtained on 14 April 2011, with an office space kindly provided by Nak Hotel in Sandakan, until the construction of BSBCC is complete.

BEARS

2011 commenced with 21 bears at the Centre, with the number increasing to 23 by the end of the year. All new bears except those from Lok Kawi Wildlife Park in Kota Kinabalu went through at least one month's quarantine in the old bear house before being integrated with the resident bears. As of December 2011, 5 remained temporarily in the old bear house while 18 were accommodated in the new bear house.

New Bears

A total of 5 new bears were brought to BSBCC during 2011, as follows:

| DATE RECEIVED AT BSBCC | NAME OF BEAR | ORIGIN | SEX | AGE (Est.) on arrival | REMARKS |
|-------------------------------|---------------------|---|------------|------------------------------|---|
| 22 April 2011 | Mamatai | Transferred from Lok Kawi Wildlife Park | F | Adult | Placed in old bear house before being transferred to new bear house on 22 December 2011 |
| 22 April 2011 | Wan Wan | Transferred from Lok Kawi Wildlife Park | F | Adult | Placed in old bear house before being transferred to new bear house on 22 December 2011 |
| 23 July 2011 | Amaco | Palm oil plantation near Lahad Datu, kept | M | 18 yrs | Placed in old bear house |

| | | | | | |
|---------------|--------|--|---|------------|---|
| | | illegally for 18 yrs before being surrendered to SWD/BSBCC | | | |
| 15 Aug. 2011 | Fulung | Remote village in southwest Sabah. Surrendered to SWD. | M | 9 months | Placed in old bear house and formed cub group with Mary |
| 12 Sept. 2011 | Mary | Kept by villagers in central Sabah then transferred to Lok Kawi Wildlife Park, Kota Kinabalu | F | 6-8 months | Placed in old bear house and formed cub group with Fulung |



Dr Diana Ramirez from SWD Wildlife Rescue Unit and Wai Pak checking Amaco before his transfer to BSBCC.



Baby Fulung just after capture by villagers. His mother was probably shot, an illegal practice which still goes on in Sabah.



Wai Pak feeding young female Mary a special treat of honey.



An impressive tongue being displayed by Fulung after arrival at BSBCC.



9 month old Fulung about to begin his long journey from the village after being rescued by SWD staff.

Bear Deaths

During 2011, three bear deaths occurred at BSBCC:

- 1 January 2011: Young male Toby passed away after a fight with other resident bears, despite the efforts of BSBCC and SWD staff to separate the bears.
- 15 February 2011: Adult male Ah Chong (possibly over 15 years of age) died of natural causes.
- 2 July 2011: 4-year old female Suria died of natural causes.

Full reports on all deaths were sent to SWD.

Health Checks

Annual health checks were conducted on all bears at BSBCC in 2011 by SWD Wildlife Rescue Unit veterinarian Dr Diana Ramirez or veterinarians Dr Nigel Hicks and Dr Loretta Francia of Sepilok Orangutan Appeal UK. To prevent transfer of disease, all staff and visitors to BSBCC are required to walk through a disinfectant foot bath at the entrance to both bear houses. In addition, health checks on all BSBCC staff as well as SOURC staff and volunteers were carried out in September 2011, funded by SWD, and all BSBCC staff and individual volunteers had Hepatitis A and B vaccinations in November 2011.



Dr Diana Ramirez, SWD Wildlife Rescue Unit veterinarian, taking blood samples from an anaesthetized bear with help from SWD staff Elis, and Wong.

Soil Testing

A programme was initiated in May 2011 to regularly collect soil samples from different locations around BSBCC and send them to the Sabah government Veterinary Department to test for diseases such as melioidosis. To date all samples have come back clear.

Bear Registration Form and Log Book/Filing System

BSBCC prepared a Bear Registration Form to be filled in by SWD, WRU and BSBCC staff during confiscation or surrender of bears, to enhance gathering of information on the background of each bear. A log book and digital medical filing system were also developed to record the history, health and medication for each bear at BSBCC.

Bear Training and Introduction to Forest Enclosures

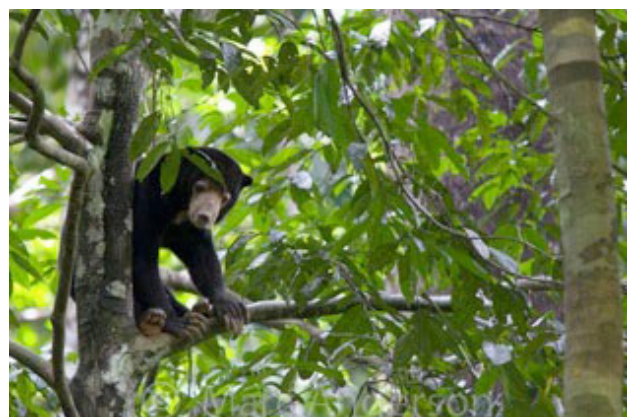
This continued throughout 2011, with a marked difference still being shown by individual bears, both in their reactions to the hot-wiring during training and their reaction to the outdoor enclosures. Adult male Om continued to venture out daily, returning to his pen every night. Fellow adult male Linggam made his first big step into the forest in April and by the end of the year had become increasingly confident in the forest enclosures. Gutuk began the process of venturing out of his pen in September and Bermuda started training in the training pen.

Young females Suria, Cerah, Lawa, Kuamut and Jelita were released daily into the forest enclosures and all were soon roaming freely and confidently climbing trees. Females Manis, Keningau, Tokob and Susie completed their electric fence training and started entering the forest enclosures in the middle of the year, and younger bears Ah Lun, Julaini, Natalie and Runggus, formed a new group in the new bear house and will start training with the electric fencing in 2012.

New bear cubs Natalie, Mary and Fulung were individually walked in the forest by BSBCC staff to introduce them to their natural surroundings. Training with the remaining bears was ongoing and will be continued in 2012.



Linggam venturing out from his pen into the forest.



*Keningau waking up after a nap in the tree tops.
Photo by Marc Anderson.*

Tree monitoring

Trees in the forest enclosures were numbered and subsequently identified with the help of SFD to facilitate monitoring of the effects of the bears on the forest vegetation, as well as selection by bears for climbing and scratching and other activities.

Enrichment Activities

Enrichment activities are recognized as a very important aspect of bear welfare and rehabilitation and continued to be developed throughout 2011 with the help of volunteers at BSBCC.



Fixing of climbing apparatus and other enrichment objects in the new bear house pens.

VOLUNTEERS

Bear Action Teams (BATs) Volunteer Groups

The BATs (Bear Action Teams) programme continued to run successfully throughout 2011 with a total of 11 groups (165 Individuals) taking part, down from 17 groups (238 individuals) in 2010.

A new requirement for groups in 2011 was that, to cover costs for materials and supervision as well as to support the project, a donation was made to BSBCC of RM2,000 per group, or RM4,000 for a batch of three Raleigh groups. A total of RM18,600 (USD6,200) was received from BATs groups as donations throughout the year.

Main tasks during 2011 comprised continuing work on the bear enclosure perimeter walkway and building sections of the access boardwalk and bridge.



Raleigh volunteers working on post construction under the access boardwalk.

BSBCC would like to say a special thank you to all the young people who worked so hard to give the bears a new and better home!

BATs Groups for 2011 (11 groups / 165 individuals)

| | NAME | DATES | AGE | NO. PAX | ACTIVITY |
|-----|--|-----------------|-------|---------|-----------------------------|
| 1. | Raleigh | 6-25 Feb | 18-19 | 15 | Perimeter fencing walkway |
| 2. | Raleigh | 27 Feb–18 Mar | 17-24 | 15 | Perimeter fencing walkway |
| 3. | Raleigh | 20 Mar-8Apr | 17-24 | 15 | Perimeter fencing walkway |
| 4. | Raleigh | 3-22 Jul | 17-24 | 16 | Access boardwalk |
| 5. | Outlook Expeditions – Scarborough College | 14-19 July | 16-18 | 19 | Perimeter fencing walkway |
| 6. | Raleigh | 24 Jul– 12 Aug. | 17-24 | 16 | Access boardwalk |
| 7. | Outlook Expeditions – Callington Community College | 5 -10 August | 15-17 | 14 | Perimeter fencing boardwalk |
| 8. | Raleigh | 14 Aug – 2 Sept | 17-24 | 16 | Access walkway |
| 9. | Raleigh | 15 Oct – 3 Nov | 17-24 | 13 | Access boardwalk |
| 10. | Raleigh | 5 – 24 Nov | 17-24 | 13 | Access boardwalk |
| 11. | Raleigh | 26 Nov – 15 Dec | 17-24 | 13 | Access boardwalk |

Individual Volunteers

Individual volunteers continued to play an important role at BSBC, assisting with enrichment, feeding and cleaning, as well as helping with marking of trees for identification in the forest enclosures and other tasks.



Volunteers helping with creative arrangement of foliage in one of the bear pens.

A total of 29 individual volunteers worked at BSBC during 2011, up from 23 in 2010. All volunteers were required to read and sign a copy of the BSBC Volunteer Rules and Regulations and were given a detailed orientation and briefing and an introduction to sun bears and sun bear conservation.

Individual Volunteers in 2011

| NAME | NATIONALITY | DURATION |
|---------------------------|---------------|-----------------------|
| Pang Pi Qin Eleanor | Singaporean | 3- 14 Jan |
| Amy Hii Wei Ping | Malaysian | 3- 14 Jan |
| Fong Kar Men | Malaysian | 3- 14 Jan |
| Paul Clenton | UK | 12 Feb - 1 May |
| Marlanne Sim | UK | 17 Feb – 17 Mar |
| Owen Gregory | Australian | 9 – 22 Mar |
| Shauna Tay | Malaysian | 8 Apr - 2 May |
| DineshKumar A/L Vermuthoo | Malaysian | 2 - 31 May |
| Ding Xiao Liey | Malaysian | 2 - 31 May |
| Nalini A/P Panerselvam | Malaysian | 2 - 31 May |
| Nakarni A/P Penerselvam | Malaysian | 2 - 31 May |
| Roshan Guharajan | Malaysian | 26 Jun – till present |
| Ng Yuen Fern | Malaysian | 1 – 31 July |
| Marieanne Leong | Malaysian | 1 – 30 July |
| Venessa Venda | Malaysian | 1 July - 14 Aug |
| Amy Scott | Australian | 6 July – 24 Aug |
| Alexander Sethi | USA | 12 – 24 Oct |
| Sandra | Swedish | 18 – 23 Aug |
| Mia Mai | Taiwanese | 24 Aug – 2 Sep |
| ChinTing-Wei | Taiwanese | 24 Aug – 2 Sep |
| Wen-Hsuan Li | Taiwanese | 24 Aug – 2 Sep |
| Crystal Schalmo | USA | 30 Sept – 30 Oct |
| Sophie Charmings | UK | 18 Oct – 5 Nov |
| Wong Oi Lye | Malaysian | 2 Nov – 21 Dec |
| Sadhana Goulston | Australian | 6 - 11 Nov |
| Joanne Tong Lai Mun | Malaysian | 25 Nov – 22 Feb '12 |
| Holly Dove | New Zealander | 6 – 20 Dec |
| Vija Pelekis | USA | 29 – 31 Dec |
| Wesley Sarmento | USA | 29 – 31 Dec |

SOURC Travellers Worldwide Volunteer Program

Several volunteers from the Travellers Worldwide programme helped out at the BSBCC during their visit to SOURC. These volunteers assisted with cleaning of the compound, collecting leaves for enrichment and preparing bear food.

PERMITS

Occupation Permit for Sepilok Forest Reserve

The Amendment to BSBCC's Occupation Permit for Sepilok Forest Reserve was issued by SFD on 16th March 2011, and covers the additional areas of land where the Observation Platform and access trails will be located (lying between the new bear house and forest enclosures and the edge of Sepilok Forest Reserve) and a larger area where the forest enclosures will be created for the second new bear house. This brings the total area under the Occupation Permit to 2.474 hectares.

INFRASTRUCTURE DEVELOPMENTS

Wong and Wai Pak monitored developments on-site, with assistance from Design Consultant Ian Hall of Arkitek and LEAP Manager, Habitat and Wildlife Conservation, Sylvia Yorath.

Construction Progress

A tender was awarded by SWD for a contractor to begin construction in August 2011. By the end of the year, the following progress had been made:

- **Observation Platform and Trails:** the footing to the platform and the concrete stairs had been finished, while construction of the metal frame of the platform was in progress. The trail to the platform had been started.



Footings and frame for the observation platform under construction during November 2011.



Work starting on one of the trails leading to the observation platform from the old bear house.

- **Upgrading of roads and drainage:** by the end of the year drainage was partially done for the road to the old bear house.



Roadside drainage work in progress.

- **Access Boardwalk:** not yet started by the contractor.

INFRASTRUCTURE MAINTENANCE

Fencing

Damage to the electrical and chain link fencing around the forest enclosures occurred occasionally during the year, due mainly to branches falling in heavy rain, but was repaired promptly.

New bear house roof

Holes in the roof caused by falling branches were repaired with help from SWD.

New Bear House Drainage

Problems emerged with the blockage of the new bear house drainage system; these will be addressed in 2012.

Tree Pruning and Cutting

As the site of the new bear house and forest enclosures is inside the Sepilok Forest Reserve, assistance was given by SFD to cut or prune a small number of trees deemed dangerous to the site or needing removal to allow construction of the Observation Platform and trails leading to it.

Orang Utans and Macaques

Plywood was fixed at the windows of the new bear house kitchen area to prevent orang utans and especially long-tailed macaques reaching in to grab food being prepared for the bears.

FINANCIAL SUMMARY

Funding

During 2011, funds for operational costs continued to be covered largely through donations and grants both in the US and Malaysia (see Appendix 1). Funds raised were not enough to cover expenditure but reserves from 2010 and the balance from the US account meant that at the end of the year, a total of RM39,450 (approximately USD13,150) was available to carry over to 2012.

Funding for the items which were not approved by the Federal Malaysian government grant – comprising construction of the visitor reception and display area and office and toilets, second new bear house and forest enclosures, renovation of the old bear house to a ‘new bear holding area,’ and environmental education hardware – was sought through a funding proposal submitted to Yayasan Sime Darby by SFD on behalf of BSBCC, on 2 August 2011, as follows:

| | RM | USD |
|---|--------------------|-------------------|
| Refurbishment & renovation of existing bear house to create staff offices & new bear holding area, & renovation of the annex of the existing bear house to a visitor briefing area and shop | 600,000 | 200,000 |
| Environmental education hardware | 25,000 | 8,333 |
| Construction of a second new bear house with a capacity of 16 bears & an associated 1.21 ha area of forest enclosures | 1,080,000 | 360,000 |
| Operational costs for July – December 2011 & January – December 2012 | 599,914 | 199,971 |
| Reintroduction of bears to the wild | 341,349 | 113,783 |
| TOTAL | RM2,646,263 | USD882,087 |

News on approval of the funding is expected in early 2012.

Donations in Kind

BSBCC was grateful to receive several donations in kind during 2011:



Two digital SLR cameras - a Nikon D5000 and a Nikon 1 J1 with video facility were generously donated by Nikon Malaysia on 5th November.



Karcher Germany donated two units of water jet cleaners model H06/12-4C, with 1 accessory FR30, worth approximately RM10,000, which have greatly facilitated cleaning of the bear pens.



Three wall fans and four ceiling fans were bought for the new bear house with a donation from International Aid for the Protection and Welfare of Animals, IAPWA, a UK based NGO.

Six bags of Supercoat Adult Chicken Dog Food (18kg) were donated by Purina PetCare (Malaysia) on 24th November 2011.

PUBLIC AWARENESS & FUND RAISING

Sun Bear Blog

The Bornean Sun Bear blog, www.sunbears.wildlifedirect.org, which was started by Wong in May 2008, continued to run successfully throughout 2011, receiving 160,000 hits by 101,000 unique visitors from around the world by the end of the year! As before, contributions to the blog were made by BATs team members and individual volunteers, as well as Wong Siew Te and Ng Wai Pak, and provided a lively and up-to-date chronicle of the development of BSBCC. The blog also served as a means to spread information and awareness about sun bear conservation in general and wildlife trade and poaching in the region. Individual donations to BSBCC continued to be received through the blog site throughout 2011.

Filming Groups

- A film crew from the Malaysian Tourism Board visited BSBCC from 3 – 5 August 2011, filming footage of sun bears to include in a 30-second advertisement for Tourism Malaysia which will be aired internationally.
- Actor and avid conservation supporter Jason Scott Lee visited BSBCC on 24 September 2011 as part of an eco-travelogue being filmed throughout Malaysia for National Geographic. Jason spent a whole day filming at the Centre, taking part in cleaning of the bear pens, feeding the bears in the forest enclosures and walking Mary the sun bear cub in the forest.



New sun bear supporter, Jason Scott Lee, observing Wong with sun bear cub Mary in the forest.

Magazine, Newspaper & Internet Articles

Several articles covering Wong and his work at the BSBCC were published in the press and on the internet, as follows:

- Enlighten yourself on sun bears in BSBCC. The Star. October 3, 2011;
- Wong Siew Te reminded public not to keep sun bears. Asia Times (Sabah Chinese Newspaper). September 25, 2011;
- Perspire to Inspire- an update on Wong Siew Te. Pg 15. I.M. Magazine. May 2011.
- Pet trade, palm oil, and poaching: the challenges of saving the 'forgotten bear'. Story by Laurel Neme at mongabay.com. March 20, 2011.

Conferences & Oral Presentations

A total of seven papers were presented by Wong at conferences throughout the year, with nine other oral presentations given to groups including high school students, university undergraduates and film goers at the first ever Borneo Eco-Film Festival. (A full list is given in Appendix 2).



Wong explaining to students in a local Chinese secondary school about sun bears and the work of BSBCC.

School visits to BSBCC

8 May : WOX (Way Out Experiences, based in Kuala Lumpur) brought 26 students and 2 teachers from the Anglo-Chinese Independent School in Singapore to learn about sun bears and, specifically, enrichment. They made a donation of RM1,000.



Wai Pak introducing students to the bears in the new bear house and demonstrating how bears climb trees in the forest!

Other events

BSBCC joined several other organisations in putting up displays at the 'Power to the People' Party held on 1 April 2011 in Kota Kinabalu to celebrate the decision to not go ahead with the coal-fired power plant in Sabah, and to show case green energy and local community and environmental initiatives. Over 1,200 members of the public attended the event.

On 4 June 2011 BSBCC invited Matthias Gelber, also known as the "Greenest Person on the Planet", to give a talk to local teachers and Rainforest Discovery Centre junior rangers. The title of the talk was: Going green with the young generation in Malaysia.



Wong and Wai Pak attending an Environment Education Workshop held at Sepilok after the Bornean Carnivore Symposium in June 2011, where sun bear skull replicas and other materials were donated by Karen Povey from the Clouded Leopard Project, USA.

BSBCC was involved in the 'EE Race 9 - The Heart of Borneo Edition' (organized by the Rainforest Discovery Centre) from 26 September to 1 October 2011. The participants (all local teachers) were given a chance to learn about the rehabilitation process of the sun bear at BSBCC.

BSBCC set up a booth to promote sun bear conservation during the Bird Festival held at the SFD Rainforest Discovery Centre in Sepilok from 14-16 October 2011.

BSBCC Tshirts and Bandanas

Save Our Sun Bear Tshirts and BSBCC bandanas continued to be sold during 2011. See Appendix 1 for details.



Wai Pak and volunteers with participants of the Bird Festival.



Notable Visitors in 2011

- 9 April : Celebrity actress Sigourney Weaver, who offered her support in doing narrations for BSBCC and approaching funders.

Sigourney at the new bear house with BSBCC staff and volunteers.



- 18 April : Renowned British actress Emma Thompson and her family; Ms Thompson pledged to help fundraise for and promote BSBCC in the UK.

Emma (right) signing sun bear t-shirts to be used for fundraising for BSBCC.

- 1 May : Zara Morris-Trainor, the new sun bear rehabilitation coordinator for Orangutan Foundation International (OFI), based in Indonesia
- 9 May : Officers from Peninsular Malaysia’s Department of Wildlife and National Parks (PERHILITAN), who visited BSBCC and discussed the opening of a similar sun bear facility in Peninsular Malaysia.
- 3 June : Matthias Gelber “Greenest Person on the Planet”
- 17 June : Caroline Gabel, Founder and CEO of Shared Earth Foundation
- 25-30 June: Gabriella Fredriksson, Sun Bear Environmental and Research Centre, Balikpapan
- 29 July: Joe Pontecorvo, Director of film series Bear Trek

- 23 October: Jeff Flocken, IFAW
- 12 November : Gunter Gruber & Christiana Gruber, German Ambassador and wife,
- 25 November: Helen Buckland, UK Director, Sumatran Orangutan Society
- 25 November: Michelle Desilets, Director, Orangutan Land Trust
- 26 November: Douglas MacMillan, Professor, DICE, University of Kent

ACTIVITIES FOR 2012/2013

Once construction of the remaining infrastructure at BSBCC is complete and new staff are engaged, it is hoped that BSBCC will be ready to open to the public and begin on-site visitor education and awareness programmes.

Sun Bear Reintroduction Programme

A draft budget has been prepared for RM341,349 or approximately USD113,783 for a pre-introduction survey and two years of work reintroducing bears back into the wild in protected forest areas. The programme would require employing a graduate and two field assistants, and purchase of a second vehicle, among others. This was one of the items requested in the Yayasan Sime Darby funding proposal, which will be confirmed in 2012.

Sun Bear Research Project

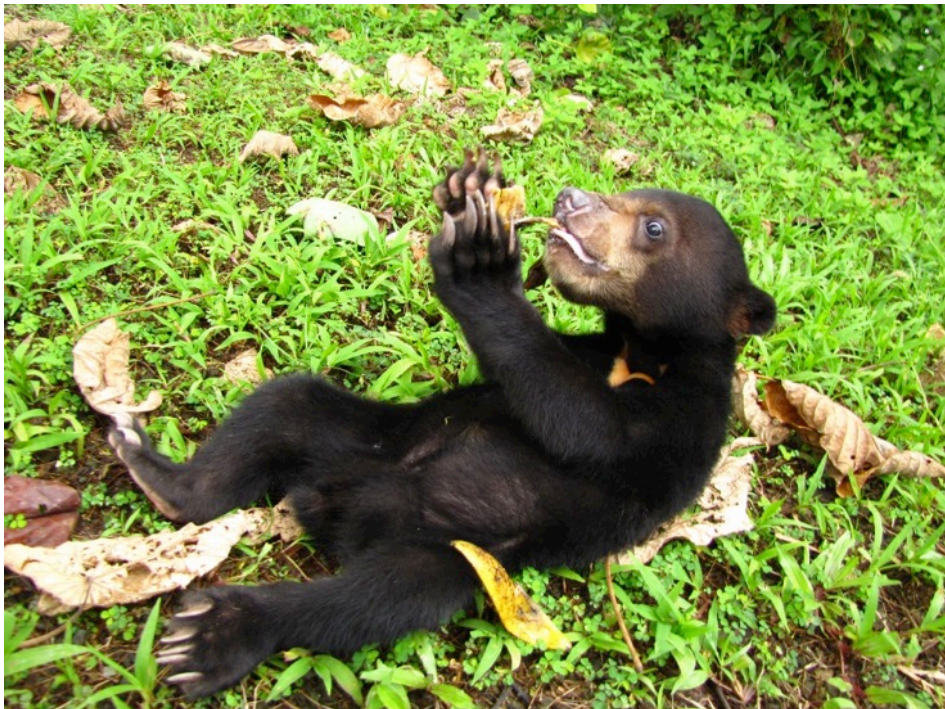
Once formalized through the Sabah Biodiversity Centre, Wong will start, as principal investigator, a research project into the role of sun bears in seed dispersal and germination rates, in collaboration with the University of Nottingham, Malaysia Campus and the University of Singapore. The research will be carried out at BSBCC with the assistance of students from the afore-mentioned universities.

ACKNOWLEDGEMENTS

We would like to take this opportunity to acknowledge and thank all of the organizations and individuals who donated funds and/or materials to the BSBCC or supported us in other ways in 2011.

We would especially like to thank again all of our volunteer groups and individual volunteers for their donations of time and materials as well as for care of the existing bears on site in 2011. Your commitment to the cause of the bears is invaluable and we appreciate all you have done for the bears.

Sabah Wildlife Department, Sabah Forestry Department, Dr. Laurentius Ambu, Datuk Sam Mannan, Augustine Tuuga, Dr Sen Nathan, Dr Symphorosa Sipangkui, Dr Diana Ramirez, Sylvia Alsisto, Fred Kugan, Heidi Henry, Dr Nigel Hicks, Dr Loretta Francia, Caroline Gabel and Shared Earth Foundation, Columbus Zoological Society Association, Wildlife Conservation Network, East Bay Zoological Society, Wild4Ever, Woodland Park Zoo Society, American Association of Zookeepers, Aves France, Network for Good, Raleigh International Trust, Way Out Experience Sdn Bhd, Outlook Expeditions, IAPWA, St Catherine School, Australia, Crystal Schalmo of San Diego Zoo, Animals Asia Foundation, Moonbear Rescue Centre. Amir Yussof, Anton Ngui, Nak Hotel, Sabah Society, Eleanor Wong and all the many individual donors and volunteers .



THANK YOU!

APPENDIX 1: FINANCIAL SUMMARY FOR 2011

1

BORNEAN SUN BEAR CONSERVATION CENTRE (Malaysian Accounts)

Statement of Funds & Expenditure 2011 FUNDS

| Received from | Date | Amount RM | Total RM |
|---|------------|--------------|--------------------------|
| Donations | | | |
| Volunteers-in-house | 21-Jan | 220.00 | |
| Paul David Clenton | 16-Feb | 400.00 | |
| Donations (Tshirts) | 14-Mar | 830.00 | |
| Marianne Sim | 14-Mar | 270.00 | |
| Siew Wei Ling | 08-Apr | 200.00 | |
| Way Out Experience (M) Sdn Bhd | 10-May | 1,000.00 | |
| IAPWA Ltd | 09-Aug | 2,426.05 | |
| June Rubis | 02-Aug | 35.00 | |
| Ilyas bin Mohd Sapiyan | 18-Oct | 200.00 | |
| Tang Tuck Hong | 18-Oct | 2,000.00 | |
| Wan Teh binti Mohamed Noor | 18-Oct | 100.00 | |
| Way Out Experience (M) Sdn Bhd | Nov | 1,000.00 | |
| St. Catherine School, Toorak AUD1,000 | 06-Dec | 3,163.20 | |
| German Ambassador to Malaysia | 07-Dec | 1,000.00 | |
| | | | 12,844.25 |
| Transferred from LEAP Inc | | | |
| Leap Inc. (\$25,000) | 21-Feb | 75,042.50 | |
| Leap Inc. (\$14,000) | 25-Jul | 41,262.80 | |
| LEAP Inc. (Shared Earth Foundation) | 23-Sep | 46,832.56 | |
| | | | 163,137.86 |
| BATS | | | |
| Raleigh International Trust | 21-Feb | 4,000.00 | |
| Outlook Expeditions | 18-Jul | 3,800.00 | |
| Raleigh International Trust | 22-Jul | 4,000.00 | |
| Outlook Expeditions (Callington) | 09-Aug | 2,800.00 | |
| Raleigh International Trust | 28-Oct | 4,000.00 | |
| | | | 18,600.00 |
| SALES OF Tshirts | | | |
| Donations (Tshirts) | Mar to Oct | 3,485.00 | |
| Wong Siew Te (1 pistachio T shirt) | 01-Apr | 35.00 | |
| Cynthia & LEAP | Sept-Oct | 70.00 | |
| | | | 3,590.00 |
| Sales of bandanas | | | 256.50 |
| Time Deposit Interest | | | 1,656.61 |
| TOTAL FUNDS | | | 200,085.22 A |
| EXPENDITURE | | | |
| Bear House | | | |
| BATS supervision fees & materials | | 16,966.34 | |
| Ceiling fans installed in new bear house | | 3,330.00 | |
| Design consultant fees + travelling costs | | 3,101.60 | |
| Total bear house costs | | | 23,397.94 |
| Capital expenditure on office & staff quarters | | | 6,977.00 |
| Operational expenses | | | |
| Advertising & Promotion | | 847.80 | |
| Audit fees | | 10,597.60 | |
| Bank charges | | 425.00 | |
| Cleaning supplies | | 623.41 | |
| Computer supplies | | 200.90 | |
| Electricity & Water | | 2,243.04 | |
| Food & Medical Supplies | | 1,530.40 | |
| General supplies | | 913.84 | |
| Licences & Permits | | 816.00 | |
| Medical | | 520.00 | |
| Insurance for staff | | 710.00 | |
| Salary, EPF, SOCSO | | 140,352.90 | |
| Office Supplies | | 1,125.94 | |
| Printing & stationery | | 688.51 | |
| Professional fees | | 6,223.75 | |
| Rental | | 1,800.00 | |
| Repairs & maintenance | | 6,326.30 | |
| Small tools & equipment | | 841.68 | |
| Telephone & Courier | | 4,113.35 | |
| Training & workshop fees & travelling | | 6,205.70 | |
| Travelling & Meeting | | 6,161.95 | |
| Uniform (boots) | | 68.70 | |
| Vehicle running expenses | | 7,915.12 | |
| Company income tax on interest income 2009 & 2010 | | 796.15 | |
| | | | 202,048.04 |
| TOTAL EXPENDITURE | | | 232,422.98 B |
| Net expenditure over funds for 2011 | | | (32,337.76) A - B |
| Excess Unused Funds from 2010 | | | 65,728.31 |
| Net Funds available for use in 2011 | | | 33,390.55 |

BORNEAN SUN BEAR CONSERVATION CENTRE (USA Accounts)**Statement of Funds & Expenditure 2011****Grants & Donations****Amount
USD**

| | | |
|--|------------|-------------------------------|
| <u>Received from</u> | | |
| Columbus Zoological Society Association | | 13,547.00 |
| East Bay Zoological Society | | 1,000.00 |
| Wildlife Conservation Network | | 4,000.00 |
| Wild4Ever | | 1,000.00 |
| Woodland Park Zoo Society | | 1,000.00 |
| American Association of Zookeepers | | 100.00 |
| The Shared Earth | 01-Aug | 15,000.00 |
| Aves France | | 1,000.00 |
| Anne Sadhana Goulston | | 1,000.00 |
| Andrew Gunnyon | | 20.00 |
| Anton Baotic | | 10.00 |
| Barnard Early Childhood Center | | 182.00 |
| Brenton Head | | 25.00 |
| Carol Applegate | | 10.00 |
| Computer Warehouse | | 75.00 |
| Donminn Jay | | 15.00 |
| Hannah Meyers | | 54.00 |
| Ines Raimondo | | 95.00 |
| Into The Wild | | 20.00 |
| Jeanette McDermott | | 584.41 |
| Jeannette Turner | | 25.00 |
| Jeffrey Nicholson | | 50.00 |
| Joan Rog | | 300.00 |
| Jocelyn Stokes | | 10.00 |
| JP Services | | 10.00 |
| Karen Bohannon | | 85.00 |
| Kristen Blume | | 500.00 |
| Lesley Small | | 165.00 |
| Linda Carroll | | 30.00 |
| Linda and John Loftus | | 75.00 |
| Lisa Murray | | 15.00 |
| Loretta Leong | | 10.00 |
| Maren Dallmann | | 20.00 |
| Maria Wiklund | | 50.00 |
| Marilyn Madsen - D | | 45.00 |
| Martin Edwards | | 50.00 |
| Michael Turner | | 30.00 |
| Michele Chartier | | 25.00 |
| Natalie Hoyoaake | | 110.00 |
| Paul Watkins | | 35.00 |
| Peter Lancaster | | 20.00 |
| Puca Bears | | 25.00 |
| Rachel Williams | | 10.50 |
| Rosa Osorio | | 30.00 |
| Ryan Sumo | | 5.00 |
| Samuel Zavala | | 150.00 |
| Thomas Russell | | 165.00 |
| Vic Harness | | 5.00 |
| Voice of the Animals | | 40.00 |
| Zeki Gunay | | 100.00 |
| Network for Good | | 5,585.05 |
| Paypal fees | | -208.39 |
| T shirt sales | | 8.82 |
| Total Donations | A | <u>46,313.39</u> |
| Expenses paid in USA | | |
| Bank charges | | 135.00 |
| Airfare for Wong ST (to attend IBA Conference in Ottawa in July) | | 3,547.00 |
| Total Expenses | B | <u>3,682.00</u> |
| Excess Funds from 2011 | A-B | 42,631.39 |
| Excess Unused Funds from 2010 | | 15,732.50 |
| Funds Transferred to BSBCC Borneo | 19-Jan | (25,000.00) |
| | 22-Jul | (14,000.00) |
| | 23-Sep | (14,955.00) |
| Net Funds available for use in 2012 | | <u><u>4,408.89</u></u> |

APPENDIX 2: PRESENTATIONS ON SUN BEARS & BSBCC IN 2011

Oral Presentations in Conferences by Wong Siew Te:

- Wong, S.T.** and W.P. Ng. The transformation of captive sun bears from small cages to natural forest enclosures in Bornean Sun Bear Conservation Centre. Paper presented at *2nd Advancing Bear Care Conference*, Banff, Alberta, Canada. 8 October 2011.
- Wong, S.T.**, S.D. Teo, M.H. Hwang, T.S. Ding, C. Servheen. 2011. The effects of selective logging on sun bears in lowland dipterocarp rainforest of Borneo. Paper presented at *The 20th International Conference on Bear Research and Management-IBA 2011*. Ottawa, Ontario, Canada. 17 July 2011.
- Wong, S.T.**, A. Hearn, J. Ross, J. L. Belant. 2011. Using radio-telemetry to study carnivores in tropical rainforests of Borneo. Paper presented at *1st Bornean Carnivore Symposium*, Kota Kinabalu, Sabah, Malaysia. 19 June 2011.
- Wong, S.T.** 2011. Models predicting Bornean carnivore distribution - Short-tailed mongoose *Herpestes brachyurus*. Paper presented at *1st Bornean Carnivore Symposium*, Kota Kinabalu, Sabah, Malaysia. 20 June 2011.
- Wong, S.T.** 2011. The holistic approaches of Bornean Sun Bear Conservation Centre to conserve sun bears in Sabah, Malaysia Borneo. Paper presented at *Asia for Animal Conference 2011*. Chengdu, China. 13 June 2011.
- Wong, S.T.**, S.D. Teo, M.H. Hwang, C. Servheen. 2011. The conservation of sun bears in a changing landscape: can sun bear coexist with selective logging? Paper presented at *The 2011 Annual Meeting of the Association of Tropical Biology and Conservation Asian-Pacific Chapter*. Bangkok, Thailand. 13 March 2011.
- Wong, S.T.**, C. Servheen. 2011. Effects of weather patterns and forest management on fruit production in lowland rainforest of Sabah, Malaysia Borneo. Paper presented at *The 2011 Annual Meeting of the Association of Tropical Biology and Conservation Asian-Pacific Chapter*. Bangkok, Thailand. 13 March 2011.

Other Oral Presentations:

- Wong, S.T.** The status, ecology and conservation of Malayan Sun bear in a changing landscape in Malaysia Department of Biological Science, Faculty of Science and Technology, University Malaysia Terengganu. Terengganu, Malaysia. 14 December 2011
- Wong, S.T.** Understanding careers in Biodiversity and Conservation: Challenges and opportunities. Invited speaker. Department of Biological Science, Faculty of Science and Technology, University Malaysia Terengganu. Terengganu, Malaysia. 14 December 2011.
- Wong, S.T.** The status, ecology and conservation of Malayan Sun bear in a changing landscape in Malaysia (In Chinese). Lahad Datu High School, Lahad Datu, Sabah, Malaysia. 9 November 2011.
- Wong, S.T.** The status, ecology and conservation of Malayan Sun bear in a changing landscape in Malaysia. Malaysian Nature Society, Kuala Lumpur, Malaysia. 2 October 2011.
- Wong, S.T.** The status, ecology and conservation of Malayan Sun bear in a changing landscape in Malaysia (In Chinese). Sandakan Rotary Club, Sandakan, Sabah, Malaysia. 6 September 2011
- Wong, S.T.** The status, ecology and conservation of Malayan Sun bear in a changing landscape in Malaysia. Sabah Society Sandakan Branch. Sandakan, Sabah, Malaysia. 23 August 2011.
- Wong, S.T.**, C. Prudente. 2011. Wonders of Sabah. Invited speaker. Resident of Sandakan's Mayor. Sandakan, Sabah, Malaysia. 4 August 2011.
- Wong, S.T.** 2011. The holistic approaches of Bornean Sun Bear Conservation Centre to conserve sun bears in Sabah, Malaysia Borneo. 1st Borneo Eco-Film Festival BEFF, Sandakan, Sabah, Malaysia. 29 July 2011.
- Wong, S.T.** The status, ecology and conservation of Malayan Sun bear in a changing landscape in Malaysia. Malaysian Nature Society and Department of Biological Science, University Science Malaysia, Penang, Malaysia. 5 April 2011.