

# Zoo Outreach Organisation Education Activities Report

**This summary of ZOO's production of education for the year 2008 is not intended to impress you. Yes it is. We want to tell that it is not just possible but highly enjoyable to make, distribute, use, training others to use, evaluate, and improve hundreds of materials and activities, train many dozens of educators, and influence many, many hundreds of kids, parents, teachers and public on the receiving end of education.**

## **Zoo Education Activities Report - 1 January-31 March 2008**

### ***Tiger & Hoolock Gibbon Workshop Evaluation reports for Assam and Arunachal Pradesh***

Evaluations were conducted by post, email and at refresher courses. Results were analysed and summarised both for tiger and hoolock gibbon.

### ***Report from ZOO Interns who attended Hoolock Gibbon & Teachers for Tigers Educator workshops***

#### **Kundhavi Perumal, Komarapalayam, Namakkal Dist. Tamil Nadu**

T4T workshop 2004 trainee Ms. Kundhavi Perumal conducted two nature camps in February 2008 at Thengumaradha & Hasanur from 2-3 February, 2008 for 28 students. The second nature camp was held at Pambikulam Wildlife Sanctuary, Kerala for 35 students (classes 6-9) of Sri Vidyalaya School, Gobichettipalayam on 9-10 February 2008.

#### **Jihosuo Biswas, Primate Research Centre, NE India, Guwahati, Assam**

Hoolock Gibbon workshop trainee and Intern Dr. Jihosuo Biswas, with support from USFWS, at Chirrang-Ripu Elephant Reserve facilitated 153 numbers of forest protection volunteers with some basic facilities to strengthen the protection of the forest & wildlife through community co-management.

#### **Sangita Mitra, Senior Project Officer, WWF, West Bengal**

T4T 2005 trainee Dr. Sangita Mitra conducted "My Green World" programme in January 2008 at Future Foundation School in Kolkata in collaboration with Tata Agrico Company. Around 50 students were hosted and participated in a drawing competition, climate change film and other activities using ZOO's Amphibian kit.

#### **Santosh Kumar Sahoo, Conservation Himalays, Chandigarh, UT**

T4T 2004 and HG 2007 trainee Dr. SK Sahoo organised two programmes during Animal Welfare Fortnight 2008 with the forest department of Uttarakhand at Chharbent, Almora district on human-monkey conflict for nearly 60 villagers, and another at Govt. Senior School at Almora. SAVE FROGS was the theme of the programme. ZOO's mind your monkey manners and frog packets were used in these programmes. These programmes encouraged the villagers to develop positive attitude towards the monkey problems and protect frogs in their local habitats.

#### **Sethuramalingam, Regional Museum of Natural History, Bhopal, MP**

T4T 2003 trainee and co-ordinator Dr. Sethu Ramalingam conducted two programmes during Animal Welfare Fortnight and World Wetlands Day. AWF 2008 programme was held on 22 Jan 2008 for 50 students at Orion International School, Bhopal using ZOO's bat education

packet. World Wetlands Programme on 2 February 2008 for World Way International School, Bhopal drew Fifty students using Amphibian education packet in games and learning activities. They were taught about bats and their role in ecosystem. Wetlands biodiversity, status and threats to amphibians.

### ***Reports from ZOO/SAN-IZE trainees who attended Meghalaya, NE India, Wildlife teaching workshop Nova Sangma, Samrakshan Trust, Meghalaya, Northeast India***

ZOO/SAN-IZE Meghalaya trainee, Nova Sangma of Samrakshan Trust of Meghalaya conducted a programme during Animal Welfare Fortnight 2008 at Rongara Community Development Block of South Garo Hills.

### ***Nimesh Ved, Samrakshan Trust, Mizoram, NEIndia***

ZOO/SAN-IZE Meghalaya trainee Nimesh Ved of Samrakshan Trust, Mizoram conducted an education programme during AWF 2008. Students were given bat colouring books prepared and supplied by Zoo Outreach Organization and crayons to colour. Spoke about a myth in the region about bats eaten as cure for diseases. With the elders we interacted, shared some material including masks.

### ***Reports from ZOO/SAN-IZE non-traditional educators... zoos, forest personnel & NGO's Zoos & Forest Personnel***

#### **Padmanabhan, Scientist, Kerala Forest Research Institute, Peechi, Kerala**

Animal Welfare Fortnight 2008 celebrations were conducted at Thrissur Zoo, Kerala. The participants were employees of Guruvayur temple and their family members including mahouts. Educational study materials of bats and rodents were distributed and they visited the animal enclosures at the zoo. Dr. Muralidharan conducted classes of the importance of conservation of small mammals. Classes on animal behaviour studies and measures for the management and welfare of the captive elephants were suggested.

#### **Rahul Pandey, Curator, Indhira Gandhi Zoological Park, Visakhapatnam, AP**

"Mind Your Monkey Manners" education programme was organized during Animal Welfare Fortnight celebrations on 27-01-2008 at IG Zoo Visak. About 40 children along with teachers and parents participated. Educational kit provided by ZOO were used. Participants were taken to the primate moat and various issues pertaining to monkey menace, behaviour, dealing with problem monkeys and first aid for monkey bites were explained in an interactive manner.

#### **Ravi Kumar Singh, Curator, Indira Gandhi Park Zoo & Deer Park, Rourkela, Orissa**

Animal Welfare Fortnight 2008 was observed at Indira Gandhi Park Zoo and Deer Park. On 15 January, 2008 we conducted amphibian awareness education programme for the students of Delhi Public School, Rourkela for 48 students. Year of the Frog was explained. Also 22 January 62 students from 3 schools attended this education tour with information about different species. ZOO education materials on primates, bats and amphibians were used.

#### **Liankima Lailung, Deputy Conservator of Forests (WL), Aizawl, Mizoram**

For the first time, Animal Welfare Fortnight 2008 was observed on 14-28 January at newly developed Aizawl Zoological Park. The programme attracted over 200 school

children and teachers. School children were given lectures at Interpretation Hall and open area of recreation centre by zoo staff. The school children got animal mask from ZOO and a frog jump was also conducted.

#### **Non-governmental Organisations**

##### **Bijaya Kumar Kabi, Director, APOWA, Orissa**

The activities like free animal treatment camp, feeding camps, rescue works, animal cruelty check up, formation of new karuna clubs in schools, awareness programmes on animal welfare, distribution of resource materials, display of placards, slogans at major places of the district, organised school students rally, competitions like essay, debate, quiz, art, etc. conducted among older students. ZOO supplied education materials on animal welfare.

##### **Puja Vijay Sukhija, OASIS, Mumbai, Maharashtra**

OASIS celebrated National Youth Day in January 2008 and on this occasion students from 10 schools were trained with the help of Zoo Outreach Organisation's material.

##### **Vinod Kumar Damodar, Conservation of Nature Society, Calicut, Kerala**

Animal Welfare Fortnight programmes were conducted on different days on different species. Closing on 28th January with a programme on amphibian, monkey manners and bat awareness were organised in NIT campus.

##### **Misra, Secretary, PUPA, Kolkata, WB**

AWF 2008 observed from 16-30 January in seven schools of Kolkata & South 24 Parganas districts of West Bengal, more than 25 teachers, 5000 students and 10 dignitaries involved. Classroom discussion was held with informative education pack received from Zoo Outreach Organisation.

##### **Manjunath, IA & BWS, Guttur, Andhra Pradesh**

IA&BWS and SEVEN NETWORK (a group of 7 Ngo's) jointly celebrated Animal Welfare Fortnight from 18-31 January, 2008 in Seven Mandal Schools. ZOO provided material for these programmes for 135 students on importance of bats, dancing bears, amphibians & monkey manners.

##### **Merajuddin, Samrakshan Trust, Madhya Pradesh**

Adharshila is an education initiative of Samrakshan Trust in the tribal (*Sahariyas*) villages of Sheopur district of Madhya Pradesh.

#### **Summary Inventory of education materials provided for Animal Welfare fortnightly..**

ZOO/SAN-IZE provided education kits and other materials to 27 individuals during AWF 2008. The people who ordered our materials were from 8 zoos, 2 forest department personnel, 13 NGO's and 4 other education institutions. We supplied 4590 items. The materials will include frog packets-113, World Zoo and Aquarium Conservation Strategy poster-640, Monkey Manners (English) packets-995, Monkey Manners (Tamil)-220, Monkey Manners (Hindi)-305, Bat packets-895 and South Asian Bat Colouring book-1300.

These packets were sponsored by Chester Zoological Gardens, Bat Conservation International, Alertis. Universities Federation for Animal Welfare, Awley Wildlife People and Appenheul Primate Park.

#### **HECx in 4 South Asian Countries**

USFWS approved our proposal to conduct 12 educator training workshops entitled "Getting Along with Elephants" which will teach educators from conflict areas of four South Asian countries, Bangladesh, India, Nepal and Sri Lanka ways to address this contentious issue with people from elephant problem areas with a focus on saving life and limb of man and helping elephants stay out of trouble.

A planning and bonding workshop was conducted for the four partner countries in March 2008.

#### **Survey of villages ref attitudes toward elephants.**

When preparing for the planning and bonding workshop for the partner countries to run our HEC educator training, ZOO conducted surveys in two villages near Coimbatore with the help of Intern students, 9 and 23 January, 2008. During the bonding workshop in February 2008 we visited two of the villages along with our partners as a basis for continued discussions.

#### **Individual participant packets from HELP manual**

The objective of this project is to make series of ecology packets designed around the HELP manual – *How nature works?* To do a trial run the packet materials designed to suit south Asian audiences were utilized with the Assam audience as part of the refresher course of Hoolock Gibbon project. In the two day refresher course most of the activities from the HELP manual were included. The refresher courses were conducted at Jalukbari and Kaziranga NP in Assam.

#### **In-house training for educators**

Mr. Paul Anjus, staff of Wildlife Trust of Bangladesh underwent a week-long training at our office by learning basics about printing software and thoroughly learned screen printing. His travel and accommodation for the tour was sponsored by WCS.

ZOO and SANIZE organized second in-house training programme called "Intensive Educator Skills Training" on 25-27 June 2008.

#### **Internships**

Three post graduate students from Thiyagarajar College, Madurai, Tamil Nadu underwent 2 weeks intern training at the ZOO. They focused on wildlife conservation, education, human elephant conflict survey and attended three day's education training programme.

#### **Educators book adapting Teachers for Tigers module**

As Hoolock Gibbon manual adapted from Teachers for Tigers manual, now we are working on two other education manuals on bear and elephant. Bear manual is almost ready and part of these will be tested in the third in-house training.

#### **New education Materials**

**Fruit Bat Posters:** Recently we have published a "poster in pieces" of South Asian fruit bats, which we made to help identify bats for the volunteer project Pterocount. The "poster" being in the form of cards will make them very handy for taking on field work and also very attractive for learning situations. Sponsored by Bat Conservation International, BCI.

**Amphibian Sticker & Bookmark:** A sticker and a bookmark combined of AArk SA logo and some frog facts was printed for the Amphibian summer awareness campaign.

#### **WCS Fellows Report**

**R. Marimuthu & Dr. B. A. Daniel, Zoo Outreach Organisation**

#### **Amphibian Education programme for SAZARC participants at Ahmedabd, Gujarat**

The 8th South Asian Zoo Association for Regional Cooperation SAZARC meeting was held at Ahmedbad, Gujarat from 30 January to 03 February, 2008. As part of the programme, using ZOO's amphibian education kit

FROGS ROCK! on the Amphibian Ark a programme was conducted for the participants. In this programme, the current amphibian crisis was explained in detail. The status of amphibians in South Asia was briefed. Then went through the packet contents item by item. Participants wore amphibian mask, tied rakhis with each other and pledged to save amphibians.

- Amphibian education programme for students at V.O.C.Park on World Env. Day
- Survey the people on Human-Elephant conflict issues in two villages of Coimbatore

#### **Anand Pendharkhar, Sprouts, Mumbai**

- Wildlife Conservation Workshop-Tiger
- World Environment Day

#### **Dr. B. A. Daniel, Zoo Outreach Organisation Preparation of materials for future educator training (Bear, Elephants, Climate change)**

B.A. Daniel completed education manuals for bear, and elephants. Manual on climate change is under processing.

#### **Gawsia W. Chowdhury, Wildlife Trust of Bangladesh**

WCS Intern Gawsia Chowdhury arranged Teens Fair – an exhibition of *Teens for Planet Earth* projects at Birshrestha Munshi Abdur Rouf Rifles College, Peelkhana, Dhaka, on February 28, 2008. The fair was attended by students, 13 adult advisers with 14 environmental service learning projects. The teenagers, who worked on the projects for about a year under the guidance of their adult advisers/teachers, exhibited their projects. The projects were evaluated by a team of experts. Of the 14 projects, three were evaluated as best by the judges. At the end of the programme all the 56 teens of the 14 projects got 'Teens for Planet Earth certificate of Merit' for their achievements and in recognition of their extraordinary participation in this global initiative.

- Hoolock Gibbon education programme at Dhaka Zoo during WED 2008

#### **S. Mamatha, DPRIS, Mysore, Karnataka**

WCS Intern Mamatha conducted an amphibian education programme at DPRIS, Mysore in March 2008. A total number of 22 students aged 13-14 years took part in the program. School pond area was the venue. Amphibian education packet provided by Zoo Outreach Organisation was used. With the help of ZOO booklet pupil understood all about frogs matter. Students collected signatures on the Amphibian petition and stick the bumper sticker - FROGS ROCK on the vehicles.

#### **Report from ZOO Interns who attended Hoolock Gibbon & Teachers for Tigers Educator workshops**

- Lanka Kumari Dharmadasa, Elephant Orphanage, Pinnawala, Sri Lanka
- Elephant Day on June 05 2008
- Santosh Kumar Sahoo, Conservation Himalayas, Chandigarh
- World Environment Day-education programme Sethuramalingam, Regional Museum of Natural History, Bhopal, Madhya Pradesh
  - Education program on "Monkey Manners"
- Rakesh Soud, Nature's Foster, Assam
- Wildlife Conservation campaign-tiger, hoolock gibbon and amphibian education programmes

#### **ZOO Education Activities Report 2 April-June 2008**

#### **Reports from ZOO/SAN-IZE trainees who attended Meghalaya, Northeast India, wildlife teaching workshop**

- Nimesh Ved, Samrakshan Trust, Mizoram
- Green Mizoram Day

#### **Reports from ZOO/SAN-IZE non-traditional educators... zoos, forest personnel & NGO's, education institutions and individuals Zoos & Forest Personnel**

Rahul Pandey, Curator, Indhira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh

- World Environment Day 2008 –Amphibian education programme

Anil Khaire, Director, Pimpri Chinchwad Zoo, Pune, Maharashtra

- World Environment Day, 2008-Amphibian education programme

Conservator of Forests, Mangalore, Karnataka

- Monkey Manners programme

Director, Rajiv Gandhi Zoological Park, Pune, Maharashtra

- World Environment Day, 2008-Amphibian education programme

#### **Non-governmental organisations**

Bijaya Kumar Kabi, Director, APOWA, Orissa

- World Environment Day 2008-Bat, Monkey Manners & amphibian education programmes

Bhargavi Srinivasulu, Biodiversity Research and Conservation Society, Secundrabad, AP

- World Environment Day 2008-Frogs Rock...Jump in Amphibian Ark programme

Vinod Kumar Damodar, Joint Secretary, Conservation of Nature Society, Calicut, Kerala

- World Environment Day 2008 & World Ocean Day education programmes

#### **Education Institution**

G.R. Damodharan, Matriculation Higher Secondary School, Coimbatore Amphibian education-Summer Alert Programme

#### **Individuals**

Ms. Jessie Jayakaran, Chennai, Tamilnadu

- Earth Day, World Environment Day & Biodiversity Day-Five education programme on amphibians

#### **Summary of materials from ZOO/SAN-IZE for World Environment Day 2008**

- ZOO provided education kits and other material to 28 individuals during WED 2008
- Orders from 4 zoos, 3 forest dept. personnel, 13 NGO's, 6 education institutions, 1 museum and one individual.
- Variety - 11 kinds of 6885 items
- Material and number of items
- Frog packets-1100
- Frog T-shirts-110
- Amphibian Bookmark with sticker-3000
- Monkey Manners (English) packets-450
- Monkey Manners (Tamil)-25
- Monkey Manners (Hindi)-50
- Bat packets-600
- South Asian Bat colouring book-600
- Bactivities for young batters booklet-200
- South Asian Monkey Colouring Book-350
- Guide to South Asian Primates-400

**Sponsors** -These packets were sponsored by Chester Zoological Gardens, Bat Conservation International, Universities Federation for Animal Welfare, Awley Wildlife People and Appenheul Primate Park.

#### **ZOO Education Activities Report 3 July-December 2008 Summary**

#### **In-house training for educators**

Zoo Outreach Organisation ZOO and the South Asian Network of International Zoo Educators SAN-IZE organized

the third in-house training programme "Intensive Conservation Educator Skills Training on Wildlife Teaching" on 18-20 July 2008. Sponsored by Wildlife Conservation Society, Bronx, USA.

#### **Educators Teaching Guides-New**

We have developed two other education manuals on the Dancing Bear of India and Human-Elephant Co-existence. The Bear Teaching Manual was completely tested in the third in-house training. The Elephant Teaching Manual was used in the West Bengal Human Elephant Coexistence Educator Training workshops which were held in October and November 2008.

#### **Amphibian Signature Campaign**

ZOO has collected so far **17668** signatures through the South Asian Network of International Zoo Educators members and sent them on scanned sheets to the WAZA secretariat.

#### **New education Materials**

##### **Elephant packet: HECx - Human Elephant**

**Coexistence:** Packet with a theme on elephant welfare as well as that of man, and the values of trying to live peacefully with one of the world's largest mammals. Sponsored by Universities Federation for Animal Welfare (UFAW), United Kingdom.

**Fruit bats of South Asia colour posters (Large & Pocket Size):** These colour posters are intended to create interest among the audience to learn about 13 kinds of South Asian Fruit Bat status and diversity as well as identify them individually by their appearance, size and colour. Sponsored by *BCI*, USA.

**Tiger Tool Kit packets:** (Revised & New): Very informative packets on tiger conservation.

**Bears belong in the forest NOT on the road & Bear teacher's guide:** Bear packets dealing with bear conservation, dancing bears and suggested active learning techniques from the teachers guide.

**Western Hoolock Gibbon:** At the recent conference of the International Primatological Society IPS participants again selected the Western Hoolock Gibbon as one of the 25 Most Endangered Species. We are offering a small packet with brochure, contact post card for writing to policy makers, mask and rakhi.

**CountDown 2010 Hoolock Gibbon & Amphibian Calendars:** This is one of the Countdown 2010-Save Biodiversity initiative of ZOO, 2009-2010 calendar with attractive colour pictures of hoolock gibbon and amphibians

#### **Educators Skills Trainings in Nepal**

Three educator skills trainings were conducted in Nepal each for three days. The primary theme of the workshops were bats and amphibian conservation. The workshops were held at Institute of Forestry-Pokhara, Nepal Administrative Staff College, Kathmandu and Central Zoo/NTNC, Kathmandu. The amphibian workshop was sponsored by SeaWorld, USA and the Bat workshops were sponsored by Bat Conservation International, USA.

#### **First series of "Getting Along with Elephants-Human and Elephant Coexistence HECx"- Education training workshops in West Bengal, India**

The first series of three education training workshops were held in Northeast West Bengal in October and November 2008. They were held at Sukna (Mahananda Wildlife Sanctuary) and Lataguri (Gorumara National Park) areas.

#### **Conservation Educators Meeting**

ATREE, Bangalore organised this meet in Bangalore on 18-19 Decmeber. ZOO has been invited to this meeting to

share the education skills, challenges faced in the field of conservation education and resource material.

#### **Wildlife Week 2008 reports from our SAN -IZE members**

##### **Zoos & Forest Personnel**

Ajit Bhowmik, Sepahijala Zoo, Tripura  
H.J. Bhandary, Pilikula Zoo, Mangalore, Karnataka  
G.K. Dubey, Maitri Baag Zoo, Bhilai, Chhattisgarh  
Tanuja, Zoo Voluteer, Mysore Zoo, Karnataka  
Madras Crocodile Bank

##### **Non-governmental organisations**

Cyril Rufus, Adayar Poonga, Chennai  
Bhargavi Srinivasulu, BCR Society, Secunderabad, AP  
Dakshina Murthy, WWF State Office, Tamil Nadu  
Sahoo, Conservation Himalayas, Chandigarh  
Kishor Maruti Malekar, Yuvak Mitra Mandal, Kolhapur,  
Latha Tampi, ZOO WATCH, Thiruvananthapuram, Kerala  
Jitendra Singh Rawat, WWF, Dehradun, Uttarakhand  
Vinod Kumar Damodar, Con of Nature Society, Calicut,  
Sivakumar, WWF, Thiruvananthapuram, Kerala  
Lalita Maharana, WWF, Hyderabad, Andhra Pradesh  
Jas Anil Mali, Nest Nature Club, Nasik, Maharashtra  
Debojit Phukan, Megamix Nature Club, Assam  
Raj Kumar Priya, WWF-India, Bokaro  
Ms. Jessie Jayakaran, Chennai, Tamilnadu

##### **Education Institutions**

Anbarasu, Forest College, Mettupalayam, Tamil Nadu  
Head Mistress, Modern Education Society, Nasik,  
A. Selvin Samuel, St. John's College, Palayamkottai  
Gunasekaran, Bharathiyar University, Coimbatore  
K.M. Sellamuthu, Tamil Nadu Agricultural University,  
Coimbatore  
Mamata, De Paul International School, Mysore  
Anand Chhetri, Triyog High School, Nepal

##### **Central Government Institution**

Rajmohana, Zoological Survey of India, Kozhikode, Kerala

#### **Summary of materials supply from ZOO/SAN-IZE for 53 Wildlife Week 2008**

- ZOO provided education kits and other material to 58 individuals during WLW 2008
- Orders from 12 zoos, 8 forest dept. personnel, 28 NGO's, 9 education institutions and 1 Central Government institution
- Variety - 14 kinds of 27516 items
- Material and number of items
- Frog packets-2401
- Frog T-shirts-250
- Frog Rock pumber sticker-2252
- Amphibian Bookmark with sticker-10100
- Ele-pak (HECx - Human Elephant Coexistence)-2032
- Fruit bats of South Asia colour posters (large)-957
- Fruit bats of South Asia colour posters (small)-1192
- Just bats about Bat packets-1217
- South Asian Bat colouring book-1082
- Tiger Tool Kit-2417
- Bear packets-1735
- Monkey Manners (Tamil)-485
- Guide to South Asian Primates-881
- Western Hoolock Gibbon packet-515

**Sponsors** -These packets were sponsored by Chester Zoological Gardens, SeaWorld Busch Garden Conservatin Fund, Bat Conservation International, Universities Federation for Animal Welfare, Awley Wildlife People and Appenheul Primate Park, and Alertis.