ZOO OUTREACH ORGANIZATION ACTIVITY REPORT 2018



CONSERVATION

CONSERVATION PLANNING SPECIALIST GROUP [CPSG] WORKSHOPS AND MEETINGS

Objectives:

I. Save threatened species by increasing the effectiveness of conservation efforts. 2. Provide species conservation planning expertise.

Activities:

1. IUCN PSG Madgascar Red Listing workshop, May'18 - Sanjay Molur represented as IUCN Redlist advisor. Compiled assessment of 112 species of Madagascar Lemurs

2. CPSG Regional Resource Centres Meeting, Jun'18, Minneapolis, USA - Sanjay Molur represented South Asian regional resource center. Identified strategies to build regional resource center in terms of capacity, resources and develop action plan

3. National Consultation workshop for recommending the future status of Sea Cucumber conservation in India, Sep'18 - Meeting on policy on Sea Cucumber trade called by MoEF CC on the insistence of this meeting host completing baseline data on Sea Cucumber & community livelihoods by Sanjay Molur. It was decided Sea Cucumber can not be allowed to be harvested and not to be remove from the protection schedule of Wildlife Act.

4. International Biodiversity Congress (IBC 2018), Oct'18 - Sanjay Molure represented ZOO and gave a talk on importance of speceis conservation & policy in the country.

5. CPSG-South Asia Regional Resource Centre Strategy Meeting, Oct'18 - Made a list of strategies, to save species and habitats for the CPSG-SA RRC for the next 2-6 years

6. Pygmy Hog Species action planning workshop, Nov 2018 -- Completed 3 day workshop on conservation planning of the pigmy hog reintroduction programme in Guwahati. The draft action plan is in the process of finalising.

7. International Mahseer Conference Paro, Bhutan, Dec'18 - Sanjay Molur represented CPSG, SA RRC to present about importance of conservation planning of Mahseer species.

Partners: Conservation Planning Specialist Group, South Asia.

PI: Sanjay Molur, BA Daniel, R Marimuthu





The Journal of Threatened Taxa (JoTT) is an open access and print, peer reviewed monthly (not including special edition, supplementary and monographs), rapid, international journal for conservation and taxonamy. JoTT is a platform for quick and timely publication of research findings, reviews and other aspects of science related to conservation and taxonomy including subject areas like ecology, behavior, physiology, methodology, veterinary, diseases, management, and models among others. JoTT encourages professional and amateur upcoming scientists from around the world to publish. The journal provides assistance and mentors first time writers, or writers of non-native English language countries in presenting science to the world. JoTT is published with Wildlife Information Liaison Development and Zoo Outreach Organisation hosts and supports the journal.











PLANNING

RISK ASSESSMENT OF SOUTH ASIAN REPTILES

Title: IUCN South Asian Reptile Assessments

Objectives:

I. Compile information on South Asian reptiles other than the peninsular India endemics for risk assessments.

Plans:

I. Create reptile species list for all South Asian countries and compile information on species from literature.

2. Compile distribution data and map localities and polygons.

3. Compile a list of national and regional reptile experts. and identify prospective experts to attend the regional assessment workshop.

Progress:

I. Compilations work completed for ~700 reptile species.

2. Species information entered into the Species Information System database of IUCN Red List.

3. Expert lists for Pakistan, Nepal, Bhutan, and Bangladesh completed.

4. Maps for reptiles of Pakistan, Nepal, Bhutan, and Bangladesh completed.

5. Planning to conduct the two assessment workshop, India & Sri Lanka, in Sep'2019

Impact:

Redlist Assessments & Conservation Needs Assessments

Partners: Conservation Planning Specialist Group, South Asia, IUCN, Conservation International's Biodiversity Assessment Unit

PI: Neil Cox, Sanjay Molur





CONSERVATION INTERNATIONAL

RISK ASSESMENT ON South Asian theraposid spiders

Title: IUCN South Asian Theraphosid Spider Assessments

Objectives:

1. Compile information on South Asian theraphosid spiders for risk assessments.

Plans:

- 1. Create theraphosid spider species list for all South Asian countries.
- 2. Compile information on species from literature.
- 3. Compile new information for not assessed species.
- 4. Update information for already assessed species.
- 5. Compile distribution data and map localities and polygons.

Progress:

I. Compilations ongoing.

Partner: Conservation Planning Specialist Group - South Asia, South Asian Invertebrate Specialist Group, IUCN, Invertebrate Conservation Subcommittee

PI: B.A. Daniel, Sanjay Molur









EDUCATION OUTREACH

CONFLICT BETWEEN HUMAN AND PACHYDERMS

Title: Prevention and Mitigation of Conflict between Humans and Pachyderms in Nepal through outreach programs

Objectives:

I. Towards zero casualty of man and animal in human-elephant conflict areas and a community that appreciate and co-exist with elephants'.

2. To reduce human-elephant conflict by conveying positive attitudes and effective preventative and practical behavior

3. To reach out to wider target groups in three HEC areas (children, students, adults, village community, administrators, media reporters) and to create awareness about co-existence

4. to evaluate the impacts of the project and to continue creating awareness even after project period.

Activities:

I. Develop and print educational materials

- 2. Conduct 5 days training programme and 1 day awareness programmes using the trained educators
- 3. Conduct post program evaluation and create a network of educators to promote HECx in Nepal

Progress:

I. Visited the locations and met the collaborators and dicussed the plans

- 2. Previsit and assessment on status of HEC in high risk areas are completed.
- 3. Locations and local partners for the programme identified.
- 4. Developed the education materials. and ready to print.

Partners: National Trust for Nature Conservation, Nepal; Nepal Forest Department; Local governing bodies and NGOs.

PI: B.A. Daniel



MAHOUTS AND CONSERVATION WELFARE

Title: Elephant conservation welfare training for Mahouts and Cawadi in Tamil Nadu

Objectives:

1. Train elephant handlers about animal welfare.

Create a network of elephant handlers and find a way for the daily reporting system.

Activities:

Identify mahouts and kavadis having private elephants Visit their captive facilities and invite them for the mahouts training Conduct two day mahouts training programme Create a network of mahouts and follow up visits

Results:

Conducted two days mahouts training programmes at Alwarthirunagari , Rettai Thirupathi, Thirunelveli District Twenty two participants took part in the training from five south Tamil Nadu districts

Created a network of mahouts

Impacts:

First training programme for Private elephant holders and mahouts Mahouts met each other during the training and created a network They shared their experience with other mahouts and also got an opportunity to see demonstration of keeping elephants conducted by the veterinarians Remain in network and continue to interact and avail assistance from the vets through the network

Partner: Srinivasan Social Network, Tholvilaimangalam

PI: B.A. Daniel



CAPACITY BUILDING FOR TIGER CONSERVATION

Title: Conservation Education and Capacity Building for Tiger Conservation in the Protected Areas of Arunachal Pradesh

Objectives:

1. Provide conservation education training to teachers, nongovernmental organisations, and volunteers

2. Build capacity for forest front-line staff in Arunachal Pradesh.

Activities:

- I. Develop a teaching manual and tiger tool kit packets.
- 2. Training of teachers from forest fringe areas.
- 3. Training of forest staff.
- 4. Field materials for forest staff sourced.

Results:

- Forty frontline staff trained in modern practices of tiger conservation
 Thirty five teachers were taught about the importance of tiger conservation by using active learning methods.
- 3. The trained teachers teach their wards about tiger conservation and importance of saving its habitat.

Impacts:

40 foresters, 35 teachers and ~3500 students benefited by these programmes

Partners: Namdapha Tiger Reserve, Arunchal Pradesh Forest Department.

PI:R. Marimuthu



FRAGMENTED RHINO POPULATIONS

Title: Safeguarding the Greater One-horned Rhino meta-population in North Bengal and Uttar Pradesh, India

Objectives:

1. Educate educators and community members about the importance of rhinos and its conservation.

2. Reduce human-rhino conflict by conveying positive attitudes and effective preventative and practical behaviour.

3. Create a network of educators to help promote species conservation for rhino and other threatened species in this region.

Activities:

1. Developed Rhino educational materials to train the educators and to provide them to conduct their own programmes.

2. Conduct taining workshops to train educators on Greater One-horned Rhino

3. Conduct awareness programmes for students and community using the trained educators

3. Provide do's and don'ts for the Target Group

4. Conduct a refresher course to follow up the training

Progress:

Visited three selected locations and consulted with the partners and collaborators

Identified educators for the workshop

Partners: I. Nature and Wildlife Conservation Society, Jalpaiguri, 2. Gorumara National Park and Jaldapara National Park, West Bengal Forest Department and 3. Dudhwa National Park, Uttar Pradesh Forest Department

PI: B.A. Daniel





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PROJECT KAZHIRU

Title: USFWS Project Kazhiru (Elephant): Targeting to achieve zero mortality in HEC areas in partnership with Tamil Nadu Forest department.

Objectives:

I. Educate stakeholders to modify livelihood / lifestyle incompatible in HEC areas

2. Educate local bodies in developing safety protocols in conflict areas;

3. Conduct mass awareness programmes for the community in HECx in

Coimbatore forest range.

Plans:

- I. 8 one-day training programmes
- 2. Mass HECx awareness programmes

Progress:

- 1. Education materials for education programmes developed and printed.
- 2. Programmes to be held starting in March 2019.

Partners: Nature Conservation Society, Tamil Nadu Forest Department, District Administration, School Education Department and Department of Environment.

PI: R. Marimuthu



HUMAN-ELEPHANT COEXISTENCE

Title: Fostering Human Elephant Coexistence (HECx) awareness in Erode, Tamil Nadu, India

Objectives:

I. Reach out to schools near northern Western Ghats (Sathyamangalam and Erode forest divisions)

2. Impart safety education in elephant areas to save lives and live harmoniously with elephants.

Activities:

- I. Development of a teaching guide on elephants.
- 2. Preparation of ele-kit packets.
- 3. Teacher training workshop.
- 4. School outreach programmes.

Results:

- I. Organized a 2-days teacher-training workshop.
- 2. Conducted 25 school awareness programmes.

3. Teachers and students in elephant areas addressed regarding humanelephant coexistence.

Impacts:

25 teachers, 25 schools, 4000 students impacted by these programmes Several thousand locals reached out

Partners: School Education Department, National Green Corps (NGC), Department of Environment and Forest Department.

Pl: R. Marimuthu



LIVELYWATERS! CITIZEN SCIENCE PROGRAM

Objectives:

I. Establish a scientific citizen-based wetland monitoring program in Coimbatore

2. Set up local community surveys to understand fishing pressures and threats

3. Build a citizen community that will help influence policy makers using scientific data

4. Use the Coimbatore chapter as a case study for other cities

Activities:

I. Established a citizen community interested in understanding the water bodies

2. Trained citizens in water bird identification

3. Trained citizens in point count method for monitoring the water bodies

4. Questionnaire surveys of local communities to understand fishing pressures and threats

Achievements:

I. Built a citizen science community

2. Collected data on species richness, threats and habitat modifications for a year from specific water bodies from Coimbatore

Impacts:

I. Empowered an urban community with data collection methods

- 2. Built a network of over 50 citiizen scientists
- 3. Created a larger community interested in wildlife

PI: Sanjay Molur, Priyanka Iyer



