



DAY ONE 5 th October 2010		
8:00–9:00	REGISTRATION	
9:00–9:05	WELCOME NOTE	
9:05–10:05	PLENARY TALK: A long, arduous and ongoing journey - Integrating science into conservation in India	Dr. Ravi Chellam
10:05–10:10	GUIDELINES FOR TALKS AND POSTERS	
SPEED TALKS AND POSTERS		
10:10–11:10	SPEED TALKS	
11:10–11:25	TEA BREAK	
11:25–12:30	POSTER SESSION	
ORAL PRESENTATIONS		
12:30–13:40	PARALLEL SESSIONS	
	Main Hall	Behaviour and Interactions
	Small Hall	Habitat Ecology
13:40–14:40	LUNCH BREAK	
WORKSHOPS AND DISCUSSION		
14:40–17:10	PARALLEL SESSIONS	
	DISCUSSION	Mixed Bag - Tools, resources and skills for a career in ecology and research
	WORKSHOP 1	Asking the right question Dr. Renee Borges
	WORKSHOP 2	Self-propelled science communication Dr. Geoff Hyde
	WORKSHOP 3	Introduction to Bayesian statistics Dr. Jagdish Krishnaswamy & Nachiket Kelkar
	WORKSHOP 4	Bioacoustics Dr. Rohini Balakrishnan & Dr. Ole Naesbye Larsen
17:10–17:40	TEA BREAK	
NON-TECHNICAL SESSION		
17:40–18:25	Documentary – The Elephants of Kaziranga	Karpagam Chelliah, Geetha Ramaswami, Sandeep Pulla
19:00 onwards	DINNER (at the Student Amenities Centre, SAC, IISc)	



DAY TWO
6th October 2010

8:00–8:30

REGISTRATION

8:30–9:30

PLENARY TALK: Demographic Studies of the Northern Spotted Owl: A Conservation Icon**Dr. Barry Noon****SPEED TALKS AND POSTERS**

9:40–10:40

SPEED TALKS

10:40–10:55

TEA BREAK

10:55–12:10

POSTER SESSION**ORAL PRESENTATIONS**

12:10–13:30

PARALLEL SESSIONS**Main Hall** Habitat Ecology**Small Hall** Conservation Science

13:30–14:30

LUNCH BREAK**WORKSHOPS AND DISCUSSION**

14:30–17:00

PARALLEL SESSIONS**DISCUSSION** Is Research the Yeti of conservation?**Speakers: R. Nandini, Dr. Barry Noon, Manju Menon & Dr. Siddhartha Krishnan**
Moderator: Dr. Kartik Shanker**WORKSHOP 1** Asking the right question**Dr. Renee Borges****WORKSHOP 2** Self-propelled science communication**Dr. Geoff Hyde****WORKSHOP 3** Statistics: A gentle introduction**Dr. Suhel Quader****WORKSHOP 4** Art and Science of Photography**Kalyan Varma**

17:00–17:30

TEA BREAK**NON-TECHNICAL SESSION**

17:30–18:30

Talk - Mixed flocks of people on islands**Manish Chandi**

19:00 onwards

DINNER (at the Student Amenities Centre, SAC, IISc)



DAY THREE
7th October 2010

8:00–8:30	REGISTRATION	
8:30–9:30	PLENARY TALK: Evolution today	<i>Dr. Vidyand Nanjundiah</i>
9:30–9:45	Talk on Research Ethics	<i>Dr. Vidyand Nanjundiah</i>

ORAL PRESENTATIONS

9:50–11:00	PARALLEL SESSIONS	
	<i>Main Hall</i>	Community Ecology
	<i>Small Hall</i>	Conservation Science

11:00–11:15 **TEA BREAK**

SPEED TALKS AND POSTERS

11:15–12:30	SPEED TALKS
12:30–13:30	POSTER SESSION

13:30–14:30 **LUNCH BREAK**

SPECIAL SESSION

14:30–17:00	Roads Not Taken: A Discussion on Multiple Approaches in Organismic Biology	<i>Speakers: Dr. Kavita Isvaran, Dr. Rajah Jayapal, Dr. Rohini Balakrishnan, Dr. Suhel Quader & Dr. Praveen Karanth</i> <i>Moderator: Dr. Anindya Sinha</i>
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17:00–17:30 **TEA BREAK**

WRAP-UP SESSION

17:30–18:30	Reflections on YETI 2010 and taking YETI forward
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Presentation details for DAY ONE 5th October 2010
SPEED TALKS AND POSTERS

10:10–11:10

SPEED TALKS

Foraging ecology and morphometrics of <i>Apis dorsata</i>	Veera Raghava Naidu
Habitat selection and habitat use by migrant birds in Site X	Priyamvada Bagaria
Preliminary investigations on the ecology of a euryhaline harpacticoid copepod <i>Cletocamptus goenchim</i> , from Goa	K. Venkatesan
Understanding the evolution of reverse sexual size dimorphism in a gliding lizard <i>Draco dussumieri</i>	Sreekar Rachakonda
Odonata as bioindicators of riparian ecosystem health	Aboli Kulkarni
Coarse-filter approach to regional conservation planning in Sundarbans – representing fish diversity with environmental relatedness	Sudeshna Mukherjee
Single or multiple introductions – well, that is the question in <i>Lantana camara</i>	Avik Ray
Tree hole aquatic habitat: a ‘bonsai’ ecosystem.	K.A. Nishadh
Lake level change, trends, and environmental implications on lake-wetland ecosystem: case of Lake Chamo, Ethiopia	Alemayehu Hailemicael
Drivers of change in ecosystem provisioning services and livelihoods in Bhitarkanika mangrove ecosystem, Orissa	Brajaraja Mishra
Impact of major tandem leader removal during colony emigration of <i>Diacamma indicum</i>	Chandan Sona
Trophic diversity and specialization of two threatened Notopterid fishes, <i>Chitala chitala</i> (Hamilton, 1822) and <i>Notopterus notopterus</i> (Pallas, 1769) indicating niche breadth and adaptive radiation	Subhasree Sengupta
Knock, knock, who's there? Mate recognition and bias for mates from natal environments in fig wasps	Anusha Krishnan
Status of introduced birds of Andaman Islands	Rajan Pilakandy



Presentation details for DAY ONE 5th October 2010
SPEED TALKS AND POSTERS (continued)

11:25–12:30	POSTERS [session will also include posters associated with Day 1 speed talks]	
	Diversity, habitat and distribution of butterflies in southern tropical thorn forests of Nilgiri foothills	<i>Shereen Swati</i>
	Roost fidelity and dispersal in short-nosed fruit bat <i>Cynopterus sphinx</i>	<i>Vinoth Kumar</i>
	A survey on cyanobacterial diversity in the abandoned rice fields of Sambalpur district, Orissa: an eco-biochemical approach	<i>Shantanu Bhattacharya</i>
	Prioritising the forest fragments for conservation of slender loris in Karnataka, India	<i>Sayantan Das</i>
	Study on the captive ecology of three <i>Gyps</i> species of vultures with special references to their feeding ecology	<i>Dipankar Lahkar</i>
	Habitat use pattern of greater adjutant stork in Deepor Beel WLS, Assam	<i>Tapu Nath</i>
	Diversity & distribution pattern and sustainable use of tropical macrolichens in Chikmagalur district of Central Western Ghats, Southern India	<i>K.S. Vinayaka</i>


Presentation details for DAY ONE 5th October 2010
ORAL PRESENTATIONS

12:30–13:40

Session**BEHAVIOUR AND INTERACTIONS**

Perching frequency of *Psammophilus dorsalis* (Agamidae) in relation to change in perch-site visibility *Yashada Kulkarni*

Foraging pattern and pollination mutualism between *Cynopterus sphinx* and the flowering trees of *Madhuca latifolia* and *Parkia biglandulosa* *Valliyappan Mahandran*

Investigating the honesty of the queen pheromone: Dufour's gland compounds and ovaries of solitary foundresses in *Ropalidia marginata* *Aniruddha Mitra*

Typical or atypical troops: Behavioural changes in species in the mixed species associations *Rishi Kumar*

Identifying the odd eggs in the nest: Rejection decisions by the hosts of obligate brood parasites *Sumit Sinha*

The cognitive capacity for tactical deception in wild bonnet macaques *Macaca radiata* *Sartaj Ghuman*

Clinging to royalty: *Ropalidia marginata* queens employ both pheromone and aggression *Paromita Saha*

12:30–13:40

Session**HABITAT ECOLOGY**

Study of spatial distribution pattern of crab holes on Bakkhali beach *A.P. Joseph*

Distribution, status, habitat utilization patterns and threats to the red panda (*Ailurus fulgens*) population in the Pangchen valley of western Arunachal Pradesh *Tanushree Srivastava*

Nowhere to run, nowhere to hide- Effect of canopy fragmentation on habitat use of the grizzled giant squirrel *Ipsita R. Herlekar*

The effects of habitat on colouration and camouflage of tropical coral reef fishes *Anusuya Chakrabarty*

Forest cover dynamics and land use pattern in Narpuh-Saipung landscape, Meghalaya- RS and GIS approach *Meraj Anwar*

Responses of tree line ecotone to climate change on high altitude biome ecotone in alpine regions of Himachal and Uttarakhand Himalaya. *Vivek Joshi*



Presentation details for DAY TWO 6th October 2010

SPEED TALKS AND POSTERS

9:40–10:40

SPEED TALKS

Leopards in human-dominated landscape, Dehradun: A case study	<i>Himanshu Bhagat</i>
Cretaceous-Tertiary diversification among select Scolopendrid centipedes of South India	<i>Jahnavi Joshi</i>
Matters of food and security: exploring trophic interactions in a semi-myrmecophyte	<i>Joyshree Chanam</i>
Karyotype instability in <i>Diacamma</i>	<i>Nutan Karnik</i>
Wild biodiversity resource use patterns in co-habiting tribal and non tribal communities of West Bengal	<i>Anindita Majumdar</i>
Status of mangrove habitats in Nicobar Islands after the Indian Ocean tsunami, 2004	<i>Nehru Prabakharan</i>
Conservation campaign on Gharials (<i>Gavialis gangeticus</i>) in western Assam	<i>Sanjoy Sutradhar</i>
CLEAN UP GUYS (Cycling Long-lived Eco-unfriendly Accumulated Non-biodegradables through United Participation for a Greener Unpolluted Youthful Sikkim)	<i>Angela Bhutia</i>
An assessment of carnivore diversity and distribution in western part of Khangchendzonga Biosphere Reserve, Sikkim, India	<i>Tawqir Bashir</i>
Distribution, population status and habitat utilization patterns of blood pheasant (<i>Ithaginis cruentus</i>) in western part of Khangchendzonga Biosphere Reserve, Sikkim	<i>Kamal Paudyal</i>
Myrmecofaunal diversity on Mangrove vegetation in Chitrapu, Dakshina Kannada district, Karnataka	<i>Pradeep D'Cunha</i>
A large scale model of Asiatic lion distribution: Conservation planning in a changing landscape of Greater Gir.	<i>Parabita Basu</i>
Behavioural predispositions: How can we measure animal personality in the wild?	<i>Subhankar Chakraborty</i>


Presentation details for DAY TWO 6th October 2010
SPEED TALKS AND POSTERS (continued)

 10:55–12:10 **POSTERS** [session will also include posters associated with Day 2 speed talks]

Uses of floral resources by forest dependent communities in southern India	<i>R.P. Harisha</i>
Food and feeding of greater adjutant stork in Deepor Beel WLS, Assam	<i>Jaydev Mandal</i>
Mesoscale analysis of zooplanktonic forms, feeding guilds and metabolism in relation to physiography in East Calcutta wetlands	<i>Priyadarshini Chakrabarti</i>
A study on biodiversity of butterfly scales	<i>A. Vijay Naidu</i>
A study of the distribution and abundance of the adult Encephalitis vector in Gorakhpur division	<i>Atin Srivatsava</i>
Seasonality and abundance of butterflies in the American College campus	<i>Prince Jenner</i>
Sedimentation influences resource allocation in the seagrass <i>Cymodocea serrulata</i>	<i>Mayuresh Gangal</i>
The alien flora of Gujarat, India	<i>Nikunj Jambu</i>
Women as the conserver of ethno-biological traditional knowledge in Ganjam District, Orissa, India	<i>Vinati Jha</i>
Biodiversity of Okhla Bird Sanctuary, Uttar Pradesh, India	<i>Priya Atri</i>
Review of genetic information, research gaps and its importance in marine turtle conservation	<i>Ema Fatima</i>


Presentation details for DAY TWO 6th October 2010
ORAL PRESENTATIONS

12:10–13:30	Session	HABITAT ECOLOGY
	Foraging strategies and patterns of home range use by an obligate frugivore, the lion-tailed macaque (<i>Macaca silenus</i>) in relation to resource availability	Meghna Krishnadas
	Population status and habitat relationships of endangered lesser florican in breeding ground of Kachchh	Sutirtha Dutta
	Understanding shifts of vegetation cover types in Western Himalayan Ecoregion in climate change scenarios – a geospatial approach	Asha Rawat
	Predicting forest fire risk zones using geospatial approach: a risk assessment study in Manipur, India	Kanchan Puri
	Status, distribution, diet, nesting habit of Indian giant squirrel (<i>Ratufa indica</i>) in Karlapat Wildlife Sanctuary, Orissa	Anup Kumar Pradhan
	Do ecological niche models predict the niches of high fitness?	H.P. Raghavendra
	Potential habitat modelling for <i>Rhinoceros unicornis</i> (the great Indian one-horn rhino): A geostatistical analysis	Shivani Agarwal
	Collection of culled parts & fresh prey of the Indian false vampire bat <i>Megaderma lyra</i>	Kaliraj Perumalsamy
12:10–13:30	Session	CONSERVATION SCIENCE
	Urban birds of Udaipur city (Rajasthan) and their conservation problems	Mohammed Yaseen
	Anthropogenic pressures on Asian elephant (<i>Elephas maximus</i>) habitats along north eastern slopes of Nilgiri foothills	Sreedhar Vijaykrishnan
	Assessing potential tiger habitats in Cauvery Wildlife Sanctuary, Karnataka using occupancy modeling approaches	Killivalavan Rayar
	Human-elephant Conflict at Mankanthpur Village, Terai Arc Landscape, India.	Biba Jasmine
	Socio-Economic Impact Assessment and Attitude of people around Kanjli Wetland, Kapurthala, Punjab.	Gitanjali Kanwar
	Predicting potential tiger densities in disturbed forests of Kawal Wildlife Sanctuary.	Imran Siddiqui
	Forest product use, conservation & livelihood: a case study of Agumbe Vollege in the Western Ghats, India.	Parveen Shaikh
	Do abandoned urban plots act as breeding place for invasive species?	Arunava Datta


Presentation details for DAY THREE 7th October 2010
ORAL PRESENTATIONS

9:50–11:00	Session	COMMUNITY ECOLOGY
	Circadian variation of phytoplankton along Uttara Kannada coast	<i>Sanjeev Deshpande</i>
	Floristic diversity of Riparian ecosystem - a case study of River Moyar at Mysore-Nilgiri corridor	<i>Muthu Karthik</i>
	Micro site selection of vascular epiphytes in 3-dimensional space of the forest canopy in KMTR, Southern Western Ghats	<i>K.S. Seshadri</i>
	Cryptic species in the Rufous horseshoe bat <i>Rhinolophus rouxii</i>	<i>Balaji Chattopadhyay</i>
	Studies on butterfly diversity In Chidyatappu, South Andamans.	<i>Ravi Jambhekar</i>
	Opposite effects of perturbations on the stability of spatially unstructured and spatially structured populations	<i>Snigdhadip Dey</i>
	Delineation of species boundaries between field cricket species of genus <i>Itaropsis</i> (Insecta, Grylloidea, Gryllinae): a test of concordance between morphology, molecules and acoustic datasets	<i>Ranjana Jaiswara</i>
9:50–11:00	Session	CONSERVATION SCIENCE
	Bustling airports or graveyards? The role of disturbed forests in the demography of the threatened bird white-bellied shortwing.	<i>V.V. Robin</i>
	Study of burrow architecture in ghost crabs of Maldives	<i>Mauroofa Mohamed</i>
	Why not eco-friendly alternatives?	<i>Pritesh Nandvikar</i>
	Role of microorganisms in mangrove environment	<i>R. Baskaran</i>
	Rhesus macaque-human conflict in northern India: Attitudes and perceptions	<i>Raghav Saraswat</i>
	Insect pollinators of <i>Parthenium hysterophorus</i>	<i>Pushan Chakraborty</i>
	Bamboos, Soil Microorganisms and Carbon Sequestration	<i>Abhaya Garg</i>



Presentation details for DAY THREE 7th October 2010

SPEED TALKS AND POSTERS

11:15–12:30

SPEED TALKS

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|---|------------------------|
| <i>Apis cerana</i> : ecology, biogeography and morphometrics. | Govinda Rao Nidigattu |
| The environmental consequences of land-use and land-cover changes between 1967 and 2010 in south western Ethiopia, Hare watershed as a case study | Yechale Kebede Bizuneh |
| Assessing the changes in species richness, distribution and composition of the amphibian community in human dominated landscape, Southern Western Ghats, India. | Sneha Dharwadkar |
| Mapping of population and population structure of <i>Coscinium fenestratum</i> (Gaertn.) Colebr., a red listed woody liana | H. Puttasamy |
| Exploring landscape connectivity through automated bird song monitoring | V.V. Robin |
| Demarcating protected areas for high altitude wetland conservation in the Western Arunachal Landscape using Geographic Information Systems | Shashank Srinivasan |
| Basic instinct: lessons in lust from lizards | Shreekant Deodhar |
| Evaluating Status of Tigers and site occupancy of dholes along with prey base estimates in Parambikulam Tiger Reserve, Kerala | Dipanjan Naha |
| The Brahma Project: A community-based, content-rich, semantic database of India's biodiversity | Supriya Khedkar |
| Evolution of stealing, guarding and multiple nest building in baya weaverbird (<i>Ploceus philppinus</i>). | Aditya Ponshe |
| An inventory of dragonflies and damselflies (Order: Odonata, Class: Insecta) in tropical forest habitats of Nilambur, Kerala. | Divin Murugesu |
| What determines woodpecker community structure? Management-induced habitat effects on woodpecker abundance, richness and community composition in dipterocarp forests, northwestern India | Raman Kumar |

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Presentation details for DAY THREE 7th October 2010
SPEED TALKS AND POSTERS (continued)
11:15–12:30 *SPEED TALKS (continued)*

Status of Chiropterans in the Barak Valley, Assam and their ecology with special reference to Indian Flying Fox <i>Pteropus giganteus</i>	Jayashree Bhattacharjee
Pattern, process and phylogeography: understanding dispersal in butterflies	Sandhya Sekar
How many dogs can a rural Indian town support: a case study from Ahmednagar district, W. Maharashtra.	Anagh Purandare
Diversity of avifauna in Manalodai, Pachaimalai Hills, Tamilnadu: Anthropogenic factors disturbing diversity	Ashok Chakkaravarthy

SPEED TALKS AND POSTERS (continued)
12:30–13:30 *POSTERS [session will also include posters associated with Day 3 speed talks]*

Management of soil structural dynamics for sustainable benefits	Pratap Srivastava
Enumerating an elusive predator: Snow leopard population and density estimates in the upper Spiti Landscape.	Rishi Kumar Sharma
Communities, compromises, and conservation in Kajiinag Himalayas	Riyaz Ahmed
Ecological aspects of reintroduced hand-raised Indian rhinoceros in Manas National Park	Ujjwal Kumar
Conservation of Asiatic lions in human dominated landscapes	Kausik Banerjee
A study on diet composition in spotted owlet (<i>Athene brama</i>) in an urban area at Vadodara, Gujarat	Krutik Andhariya