

## Program Schedule

3 <sup>rd</sup> December		All Day registration & Pre-meetings
8:30-12:00	Zhibin Zhang: IUBS informal Officer Meeting	
13:30-17:30	Jean-Marc Jallon: ISZS Executive Committee Meeting	
4 <sup>th</sup> December 2010		4 <sup>th</sup> International Symposium of Integrative Zoology
<b>Danxia Gong Meeting Room</b>	<b>Opening Ceremony</b>	
8:30-8:40	Zhibin Zhang: Chair of Organizing Committee	
8:40-8:50	Opening Remarks by Jean-Marc Jallon (ISZS)	
8:50-9:00	Opening Remarks by Nathalie Fomproix (IUBS)	
9:00-9:10	Opening remarks by Jinghua Cao (CAS)	
9:10-9:35	Yan Xie: ISZS and Integrative Zoology Annual Report	
9:35-9:45	Group Photograph in front of Hotel Main Building	
9:45-10:00	Tea break	
	<b>Year of Biodiversity</b> Chair: Jin Chen	
10:00-10:30	Jean-Marc Jallon: <i>What is an ant colony odour, how it is produced and modulates behavior changes</i>	
10:30-11:00	Motonori Hoshi: <i>Roles of piwi subfamily genes in the switch of reproductive modes in the planarian, Dugesia Ryukyuensis</i>	
11:00-11:30	Valery M. Neronov: <i>The critically endangered Saiga antelope in a changing world</i>	
11:30-12:00	Yaping Zhang: <i>Locomotion is an important factor influence evolution of energy metabolism genes</i>	
12:00-13:30	Lunch	

<b>Danxia Gong Meeting Room</b>	<b>Biological Consequences of Global Change</b> Chair : Jean-Marc Jallon
13:30-14:00	Jin Chen: <i>Climate change research in botanical gardens: findings and future perspectives</i>
14:00-14:30	Abraham Haim: <i>Light at night as a global change – does it affect our lives</i>
14:30-15:00	Hari C. Sharma: <i>Biological consequences of climate change: Implications for crop protection and food security</i>
15:00-15:30	James Spotila: <i>Consequences of global change and human activities on leatherback turtles in the Pacific Ocean: 22 years of counting turtles on the nesting beach</i>
15:30-15:45	Tea break
	Chair: Nathalie Fomproix
15:45-16:15	Yury Dgebuadze: <i>Global change and biological invasion of alien species</i>
16:15-16:45	Alain Roques: <i>So simple and positive? What are the relationships between global warming and outbreaks of native and invasive alien insects?</i>
16:45-17:15	Yiming Li: <i>Effects of climate change on endangered endemic animals in China: case studies</i>
17:15-17:45	Harold Avery: <i>Effects of global climate change and the invasive red-eared slider turtle on the population ecology and trophic dynamics of threatened freshwater turtles</i>
17:45-18:00	Discussion
19:00-21:00	Reception Chair: Yan Xie

<b>5<sup>th</sup> December 2010</b>	<b>4<sup>th</sup> International Symposium of Integrative Zoology</b>
<b>Danxia Gong Meeting Room</b>	<b>STREAM1: Integrative Biology</b> Chairs: Hari Sharma
8:30-8:50	Dehua Wang: <i>Limits to sustained energy intake in lactating Brandt's voles (<i>Lasiopodomys brandtii</i>).</i>
8:50-9:10	C. Kim Wong: <i>Combined effect of high temperature and oxygen deficiency on life history characteristics and metal tolerance of <i>Moina macrocopa</i>.</i>
9:10-9:30	Jiqi Lu: <i>Will Climatic Factors Affect Reproduction of Rhesus Macaques in Temperate Forest in North China?.</i>
9:30-9:50	Frank V.Paladino: <i>Climate change impacts on nesting leatherback turtles in the Eastern Pacific Ocean</i>
9:50-10:10	Xuan Ruijing: <i>Alteration in protein metabolism of the freshwater crab (<i>Sinopotamon henanense</i>) induced by heavy metal cadmium</i>

10:10-10:30	Tea break
	Chair: Dehua Wang
10:30-10:50	Hiroyuki Takeda: <i>Casting genetic light on morphological diversity in the fish body shape</i>
10:50-11:10	Xuming Zhou: <i>Laurasiatherian and Cetartiodactylan phylogenies revealed by phylogenomic analyses of nuclear protein-coding sequences</i>
11:10-11:30	Fatahian: <i>Scanning electron microscopic study of the tongue in the Golden Eagle Aquila chrysaetos (Aves: Falconiformes: Accipitridae).</i>
11:30-11:50	Steven Pearson: <i>Resource overlap and potential competition between invasive Red-eared Slider Turtles and native Red-bellied Turtles in Pennsylvania, USA</i>
11:50-12:00	Discussion
12:00-13:30	Lunch
<b>Danxia Gong Meeting Room</b>	Chair: Monotori hoshi
13:30-13:50	Li Ying: <i>Expression of metallothionein mRNA by fluorescence in situ hybridization in the gills of Sinopotamon henanense</i>
13:50-14:10	Norman Y. S. Woo: <i>Hormonal regulation of HSP70 and apoptosis in sea bream cells</i>
14:10-14:30	Qiqun Chen: <i>Effect of site-specific heterogeneous evolution on phylogenetic reconstruction: A simple evaluation</i>
14:30-14:50	Guangyong You: <i>Thermal deficit and its implication for altitudinal transition of forest physiognomy in Ailao mountain, SW China</i>
14:50-15:10	Aiswarya Maheshwari: <i>Is money with you? Developing the protocols for assessing the large Carnivore-Human Conflicts</i>
15:10-15:30	Tea break
	Chair: Yury Dgebuadze
15:30-15:50	Zhijin Liu: <i>Evolutionary potential in populations fragmented by a river system: genetic difference and phenotype divergence at inter- and intraspecies levels in Asian langurs (Trachypithecus francoisi and T. leucocephalus)</i>
15:50-16:10	Chang Bae Kim: <i>Genomic analysis of genes responsible for Predator-induced Polyphenism in Daphnia pulex</i>
16:10-16:30	Junbin Zhao: <i>Phenology of the introduced species in response to the extreme chilliness in Xishuangbanna</i>
16:30-16:50	Wenhua Xiong: <i>Guidelines to publish a paper in Integrative Zoology</i>

16:50-17:10	Discussion
<b>Cuiyu Gong Meeting Room</b>	<b>STREAM 2: Biological Invasion</b> Chairs: Harold Avery
8:30-8:50	Sheftel Kozharinov: <i>Long-term population dynamics of small mammals and global warming</i>
8:50-9:10	Xinhai Li: <i>Current and future distribution of 16 major invasive species in China</i>
9:10-9:30	Elena Kotenkova: <i>Invasions of House Mice (Mus musculus s.l.) in Russia</i>
9:30-9:50	Haitao Shi: <i>The distribution of the Red-eared Slider Turtle in China.</i>
9:50-10:10	Satyanarayanan Senthil Kumaran: <i>Multiple biomarker response in fish Clarias batrachus during Sub-chronic Exposure to Acridine</i>
10:10-10:30	Tea break
	Chair: Haitao Shi
10:30-10:50	Yunzhi Yan: <i>Influence of dams on the spatial patterns of native and nonnative fish assemblages in a subtropical watershed, the Qingyi Stream, China</i>
10:50-11:10	Michael Dorcas: <i>Giant Snakes in a Changing World: The Problem of Invasive Pythons in the United States.</i>
11:10-11:30	Dongmei Liu: <i>Affection of cadmium on SDH and LDH in Hepatopancrea tissue of Freshwater Crab Sinopotamon yangtsekiense</i>
11:30-12:00	Discussion
12:00-13:30	Lunch
<b>Cuiyu Gong Meeting Room</b>	Chair: Alain Roques
13:30-13:50	Zhengjun Wu: <i>Can native species Crucian Carp (Carassius auratus) recognize the introduced Red Swamp Crayfish (Procambarus clarkii)?</i>
13:50-14:10	Nadezhda A. Berezina: <i>Invasive species of Malacostraca in the eastern Baltic sea: history and consequences</i>
14:10-14:30	Fang Fang: <i>Biogeographic patterns of the endemic freshwater crab sinopotamon in mainland China</i>
14:30-14:50	Lenin Suvetha: <i>Toxic effects of deltamethrin to Indian major carp (Labeo rohita) on hematological, biochemical parameters and enzymatic activities.</i>
14:50-15:10	Shengbin Chen: <i>Species richness of butterfly in relation to environmental gradient in monsoon zone, China</i>

15:10-15:30	Tea break
	Chair: Jianghua Sun
15:30-15:50	Soundarapandian Kannan: <i>Role of Sexpheromone in development of rat traps: an innovation in RPM</i>
15:50-16:10	Nan Lu: <i>The disasters of endemic animals on the Qinghai-Tibet plateau under rapid climate change: Sichuan Jay as case study</i>
16:10-16:30	Mikhail Golubkov: <i>Influence of climatic factors on the biotic interactions and regimes in ecosystem of shallow saline lakes</i>
16:30-16:50	Yufang Sun: <i>Phylogeography of an endemic true freshwater crab Sinopotamon yangtsekiense (Decapoda: Brachyura) in China inferred from microsatellite and mitochondrial DNA analysis</i>
16:50-17:10	Discussion

<b>Youfeng Lailiyi Meeting Room</b>	<b>STREAM 3: Biological Diversity</b>
	Chair: James Spotila
8:30-8:50	Liudmila Khlyap: <i>Transformation of rodent diversity in urban and agricultural landscapes of Russia</i>
8:50-9:10	Zhenlong Wang: <i>Life underground: the biology of mandarin voles (Lasiopodomys mandarinus)</i>
9:10-9:30	Pilar Santidrián Tomillo: <i>Climate driven egg and hatchling mortality threaten survival of sea turtles</i>
9:30-9:50	Wenwen Lei: <i>Effects of cadmium stress on mitochondria in hepatopancreas of freshwater crab, Sinopotamon yangtsekiense</i>
9:50-10:10	Sergey Golubkov: <i>Effect of climate change and invasions of alien species on biodiversity and productivity of the Neva Estuary (North-Western Russia)</i>
10:10-10:30	Tea break
	Chair: Hiroyuki Takeda
10:30-10:50	Longying Wen: <i>The effects of global warming on pigments of Qilian juniper (Sabina przewalskii Kom.) needles</i>
10:50-11:10	Chithravel Vadilvalagan: <i>Conservation of Oncorhynchus mykiss (Rainbow Trout) through induced breeding and reproductive patterns with climate changes</i>
11:10-11:30	Hongmao Zhang: <i>The behavioral responses of sympatric rodents to catastrophic pilferage</i>
11:30-12:00	Discussion
12:00-13:30	Lunch
<b>Youfeng Lailiyi Meeting Room</b>	Chair: Xinhai Li
13:30-13:50	Yan Xie: <i>The role of MIST in tiger conservation of China</i>

13:50-14:10	Parag Dhakate: <i>Estimation of tiger (Panthera tigris tigris) population density using camera traps in Corbett National Park, India- A case study</i>
14:10-14:30	Hang lee: <i>History of the relationship between tigers and humans in Korea</i>
14:30-14:50	Yu Han: <i>Genetic surveillance of illegal tiger trade in Asia.</i>
14:50-15:10	Yamin Wang: <i>Satellite tracking of juvenile whale sharks, Rhincodon typus, in the South China Sea</i>
15:10-15:30	Tea break
15:30-15:50	Chair: Yan Xie R. K. Garg: <i>Loss of genetic diversity in hatchery raised fish populations of Catla catla and its possible impact on wild populations</i>
15:50-16:10	Shixia Xu: <i>Considerable MHC diversity suggested the nearly extinct status of the baiji is not an outcome of population genetic collapse</i>
16:10-16:30	Santosh Kumar Sahoo: <i>Elephant conservation through community-oriented Human-Elephant Conflict (HEC) mitigation in Uttarakhand, India</i>
16:30-16:50	Lan Wang: <i>Oxidative damages by cadmium and the protective effects of low-molecular-weight chitosan in the freshwater crab (Sinopotamon yangtsekiense Bott 1967)</i>
16:50-17:10	Discussion

<b>International Meeting Room, 14<sup>th</sup> Floor</b>	<b>ISZS/IUBS BCGC Program Round Table Discussion</b>
Chairs	Zhibin Zhang, Hari C. Sharma and Yury Yu. Dgebuadze
Participants	Jinghua Cao Yiming Li Sheftel A. V. Kozharinov Xinhai Li Elena Kotenkova Liudmila Khlyap James Spotila John Spotila Yan Xie Nathalie Fomproix Jean-Marc Jallon Nils Stenseth Motonori Hoshi Valery Neronov Alain Roques Abraham Haim

	Chunxu Han Others
<b>Danxia Gong Meeting Room</b>	<b>CLOSING CEREMONY OF SYMPOSIUM</b> Chair: Zhibin Zhang,
17:30-18:00	Grant Singleton: <i>Rodent outbreaks following extreme weather events: cyclone Nargis, a case study</i> MOU Signing Ceremony  Jean-Marc Jallon: Closing Ceremony Remarks (IUBS)

<b>6<sup>th</sup> December 2010</b>	<b>Sightseeing trips around Kunming</b>
9:00-18:00	Meet outside Hotel Building

<b>4<sup>th</sup> – 6<sup>th</sup> December</b>	<b>Poster Sessions during Symposium</b>
<b>Danxia Gong Meeting Room</b>	<p>Valery Neronov: <i>Natural focality of plague in drylands of the palaeartic in connection with climatic change</i></p> <p>Dazhao Shi: <i>Levonorgestrel effects on reproductive hormone levels and their receptors expression in Mongolian gerbils (Meriones unguiculatus)</i></p> <p>Lizhou Tang: <i>Intraspecific genetic variation of Plateau zokor (Eospalax baileyi) endemic to Qinghai-Tibetan Plateau</i></p> <p>Ramasubramanian Venkatachalam: <i>Conservation of threatened species Onchorhynchus Mykiss in Western Ghats, South India by induced breeding and its reproductive pattern</i></p> <p>Shah Hussain Ahmad Mahdi: <i>Effects of high-temperature shock on wing color-pattern modifications of the blue pansy butterfly Junonia orithya (Lepidoptera: Nymphalidae)</i></p> <p>Ali Parchami: <i>Effect of ovariectomy and chronic sex steroid administration on rabbit skin</i></p> <p>Ali Parchami: <i>Effect of orchidectomy and Chronic Androgen Administration on Thyroid Gland in adult male dogs: a light and electron microscopic study</i></p> <p>Ali Parchami: <i>Scanning electron microscopic study of the tongue in the Golden Eagle Aquila chrysaetos (Aves: Falconiformes: Accipitridae)</i></p> <p>Ali Parchami: <i>Light and scanning electron microscopic study of the tongue in the Zebra Finch (Carduelis carduelis) (Aves: Passeriformes: Fringillidae)</i></p> <p>Ali Parchami: <i>Comparative histomorphometric study of the common carotid artery and its terminal branches in sheep and goats</i></p> <p>Ali Parchami: <i>Studies on foetal testicular development in sheep</i></p> <p>Santosh Kumar Sahoo: <i>Human-Elephant Conflict (HEC) mitigation initiative in Uttarakhand, India</i></p>

