



ANIMAL TAXONOMY SUMMIT 2023

July 1 - 3, 2023
Kolkata, India

Hosted by

**ZOOLOGICAL
SURVEY
OF INDIA**

Commemorating
108th
Foundation Day of ZSI



Important Dates

01

February 2023

Call for
Abstract Submission

28

February 2023

Last date and
closure of Abstract
Submission

10

March 2023

Notification of the
accepted Abstract

10

April 2023

Submission of
full-length Paper

10

May 2023

Final Submission of revised
full-length Paper

Explore ATS 2023

Taxonomy is the science of the description and classification of Organisms, essential in Theoretical and Applied Biology. Aristotle is credited with creating the first classification system more than 2,000 years ago. He classified living things as plants or animals according to their appearance. Later on Carolus Linnaeus, a Swedish naturalist began to classify all living things by proposing a binomial, or two-name system which is unanimously accepted globally and being followed to date. About 1.7 million species have been named since Linnaeus and it is estimated that only around 5-10% of the world's biota has been described so far. In recent years modern taxonomists consider that gross morphological characteristics are not always sufficient to provide means of differentiation in determining the genetic and evolutionary relationship between taxa. To achieve this taxonomical evidence Anatomy, Embryology, Palynology, Cytology, Palaeobotany, Ecology, Biochemistry, etc. are being considered to confirm or describe the species. Under these circumstances, it is a prerequisite to discuss the recent developments in taxonomical research on fauna around the globe.

It is the initiative of Zoological Survey of India (a subordinate office of the Ministry of Environment, Forest and Climate Change, Government of India) to enhance the knowledge of Animal Taxonomical Science and Studies among future stakeholders in a progressive way. Being a pioneer Animal Taxonomical Institute of India over a period of 108 years, the Zoological Survey of India (ZSI) is proud to initiate and organize this event to inculcate Taxonomical Science to future generations.

Aims

To bring leading scientists, academicians, and researchers to exchange and disseminate or share their findings on the field of Taxonomy.

To provide a platform for taxonomists, researchers, and educators to discuss the recent innovations, trends, and challenges posed by Taxonomical Studies.

Conference Schedule

DAY 01 July 01, 2023. Saturday

Inaugural Session	15:00 hrs - 19:00 hrs
Meet-and-Greet	19:30 hrs onwards

DAY 02 July 02, 2023. Sunday

Technical Session – 1, Parallel Session A | B | C

Technical Session – 2, Parallel Session A | B | C

DAY 03 July 03, 2023. Monday

Technical Session – 3, Parallel Session A | B | C

Valedictory Session

Objectives

Primary Objectives

- Exploring, Surveying, Inventorying and Monitoring Faunal Diversity in various States, selected Ecosystems and Protected Areas of India
- Taxonomic studies of the faunal components
- Status survey of Threatened and Endemic species
- Preparation of Red Data Book, Fauna of India and Fauna of States
- Bio-geographical studies on important faunal communities/species
- Preparation of a database for recorded species of the country
- Maintenance and Development of National Zoological Collections
- Training, Capacity Building and Human Resource Development
- Faunal Identification, Advisory Services and Library Services
- Publication of results including Fauna of India, Fauna of States and Fauna of Conservation Areas

Secondary Objectives

- GIS and Remote Sensing studies on recorded animal diversity as well as on threatened species
- Chromosomal mapping and DNA Barcoding
- Environmental Impact Assessment Studies
- Maintenance of the Museum at Headquarters and Regional Centres
- Development of ENVIS and CITES Centres
- Research Fellowship, Associateship and Emeritus Scientists Programme
- Collaborative research programmes on Biodiversity with other Organizations in India and abroad

Thrust Areas

Taxonomy

Taxonomy and its Applications

Methods & Analysis- Morphology, Morphometrics, Biochemical & Ultra-structural, DNA-Barcoding, Molecular Taxonomy

Paleo-zoology

Advances in collection, preservation, and storage techniques

Biogeography and Ecology

Zoo-geography and distribution of Faunal Diversity

Landscape Ecology and its significance

Bio-indicator species and their role in ecological monitoring and climate change

Ecological interactions

Migration and Invasion

Biodiversity and Conservation

Tools and techniques in Bio-Monitoring

Sustainable Development Goals

GIS and Remote Sensing in Biodiversity Conservation and Management

Citizen Science for mainstreaming Taxonomy

Laws, Ethics and International Cooperation for Biodiversity Conservation

Conservation Genetics and Wildlife Forensics



Awards



Oral Presentation

Assessment will be made on the three respective themes of Oral Presentation.



Poster Presentation

Assessment will be made on the three respective themes of Poster Presentation.



Photo Competition

Photo Competition will be arranged on different types related to LiFE (Lifestyle for Environment).



Video Competition

Video Competition will be arranged on different types related to LiFE (Lifestyle for Environment).

Guidelines

Call for Contribution

Author/s are invited to contribute abstracts and papers on the basis of original and unpublished research works in the aforementioned thematic areas for oral/poster presentation.

Accepted Abstracts will be called for submitting full-length papers which will be published in a Special issue of "Records of the Zoological Survey of India" (NAAS-rated Journal).

Registration

All are required to be registered to participate and to present the Papers.

Delegate / Others: (Indian Participants: ₹5000/-) (Foreign Participants: \$500)

Research Scholar / Student: (Indian Participants: ₹3000/-) (Foreign Participants: \$300)

Registration Fees include a kit, two High Teas with a working Lunch, and one Dinner.

Guidelines & Instructions:

Payment can be made for registration only after acceptance of the Abstract

Registration fees are non-refundable and non-transferable

Contact



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for Registration

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