

ZSI E-News

Vol. 78 | July 2025 | Monthly E-Newsletter from Zoological Survey of India



Cover: *Oryx capensis*
(Latham, 1790)

Courtesy: ZSI-WGRC, Kozhikode

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Published by
The Director, Zoological
Survey of India, Kolkata, INDIA
Email: director@zsi.gov.in
Website: www.zsi.gov.in

Edited by

Dr. Dhriti Banerjee
Dr. C. Raghunathan
Dr. S. Sheela
Dr. Tamal Mondal

Citation:

Zoological Survey of India,
2025: E-NEWS, 78: 1-37



Dear Colleagues and Esteemed Readers

It is my great pleasure to present the ZSI Monthly E-News for the July edition 2025. This achievement is a major milestone in our ongoing chronicle of scientific faunal exploration, discovery, documentation, and dissemination. The Zoological Survey of India has been committed to improving our knowledge of the nation's rich fauna diversity since its inception. Through the monthly E-News, ZSI presents the most current discoveries, research activities, conservation activities to the broader scientific community, policymakers, and public at large and to represents the achievements of this institution.

To commemorate its 110th Foundation Day, the Zoological Survey of India (ZSI) organized the 3rd Animal Taxonomy Summit 2025 (ATS 2025), a first-of-its-kind event that brought together eminently qualified experts in taxonomy, classification, ecology, behavioral science, biodiversity research, and conservation. The summit was an enriching platform for sharing knowledge among scientists, researchers, and conservationists working towards conservation of biodiversity. The three-day summit, conducted from 1st to 3rd July 2025, had intense discussion sessions on Taxonomy, Systematics, and Faunal Diversity & Conservation. The discussions covered the application of the modern tools, evolutionary histories along with the current conservation

from the Director's Desk

strategies in India and globally platforms and the success stories of conservation initiatives. A total of 22 lead lectures were delivered by the subject experts, scientists and wildlife managers. A total of 497 participants from 72 universities, colleges, 24 research institutes across 18 states and union territories of India participated the ATS 2025. In the technical sessions, 170 posters were presented by the participants, and they discussed major challenges including how to identify cryptic species and the integration of varied datasets to enhance classification accuracy. The valedictory function was graced by Shri Kirti Vardhan Singh, Hon'ble Minister of State, Ministry of Environment, Forest and Climate Change, and Ministry of External Affairs, Government of India, as the Chief Guest, and Dr. Nameeta Prasad, Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, as Guest of Honour. Dr. C. Raghunathan, Additional Director ZSI, presented the recommendations of ATS 2025 to the august gathering. In celebration of the month's achievements, researchers at ZSI identified a total of 1568 species across 10 animal phyla which include identification of one new genus of spider and 11 new species covering five species of Ephemeroptera, three species of Hymenoptera, one species of Odonata, and two species of Collembola. Additionally, two species of Testate Amoebae and one species of Hymenoptera were documented in India for the first time.

I wish to express my sincere gratitude to our contributors, whose enthusiasm and knowledge serve as the foundation of this e-newsletter. Your dedication to quality is what renders this initiative genuinely exceptional. To our esteemed readers, we appreciate your ongoing support and enthusiasm. Your input and participation are of utmost significance to us, and we are consistently keen to receive your insights and recommendations. Wishing you a pleasurable reading experience, and here's to numerous more editions brimming with scientific discovery and insight.

Jai Hind,

Dr. Dhriti Banerjee

Director

5th August 2025
Kolkata

HEADQUARTERS, KOLKATA, WEST BENGAL

A total of 381 species of faunal communities belonging to Arachnida, Collembola, Diptera, Hymenoptera, Porifera, Cnidaria, Annelida, Echinodermata, Ephemeroptera, Odonata, Orthoptera, Blattodea, Phasmida, Mantodea, Mollusca, and Nematelminthes were identified. A total of six species belonging to Arachnida, Ephemeroptera, and Collembola were described new to science. One genus of Arachnida was recorded for the first time from the country. A total of 13 species of Apterygota,

Arachnida, Hymenoptera, Orthoptera, Coleoptera, and Nematelminthes were augmented to National Zoological Collections (NZCs). Apart from these, 24 species of archaeological specimens were identified. Identification and Advisory Services were rendered to SRM Institute of Science and Technology, Chengalpattu. All the officers attended the Animal Taxonomy Summit, 2025 at Biswa Bangla Convention Centre and Taj Bengal, Kolkata, West Bengal from 1st to 3rd July 2025.

NORTH EASTERN REGIONAL CENTRE, SHILLONG, MEGHALAYA

A local survey was conducted on 9th July 2025. A total of 76 species of faunal communities belonging to Hemiptera, Orthoptera, Odonata, Araneae, Amphibia, Mammalia, and Pisces were identified. Scientists of the centre rendered Identification and Advisory service to two institutions.

A Hindi Workshop was also organized in the office auditorium on “Hindi in Digital Era” on 31st July 2025. A research scholar of Department of Zoology, Assam Don Bosco University visited the Museum of the centre on 31st July 2025.



Asian glass lizard *Dopasia gracilis* (Gray, 1845)

WESTERN REGIONAL CENTRE, PUNE, MAHARASHTRA

Two survey tours were conducted to Gujarat and Odisha from 14th to 17th July 2025 and from 21st to 26th July 2025, respectively. One local survey was also conducted to PM Shree Kendriya Vidyalaya, Pune on 26th July 2025. A total of 103 species of faunal communities belonging to Araneae, Crustacea, Coleoptera, Chilopoda, Lepidoptera, Hymenoptera, Blattodea, Mollusca, and Pisces were identified. Identification and advisory services were rendered to four different institutions, and one manuscript was reviewed by the scientist of the centre during this month. A total of ten DNA barcodes were submitted to NCBI. A total of 89 visitors including students from various educational institutions visited the museum of the centre.



Lesser Whistling-Duck, *Dendrocygna javanica* (Horsfield, 1821)



Museum Visit by VIBGYOR High School

CENTRAL ZONE REGIONAL CENTRE, JABALPUR, MADHYA PRADESH

A survey tour was conducted to Kheoni Wildlife Sanctuary, Madhya Pradesh from 16th to 25th July 2025. A total of 87 species of faunal communities including Orthoptera, Lepidoptera, Hemiptera, Mantodea, and Decapoda were identified. A total of 192 visitors including students from

various educational institutions visited the museum of the centre. The First Prize for “दैनिक सरकारी कामकाज में राजभाषा हिन्दी का उल्लेखनीय एवं सराहनीय कार्य” was received by the centre at the “नगर राजभाषा कार्यान्वयन समिति कार्यालय क्रमांक 2 की 16वीं छः माही बैठक”.



भारतीय प्राणि सर्वेक्षण, मध्य क्षेत्रीय प्रादेशिक केंद्र को “नगर राजभाषा कार्यान्वयन समिति कार्यालय क्रमांक 2 की 16वीं छः माही बैठक” दिनांक 31.07.2025 में “दैनिक सरकारी कामकाज में राजभाषा हिन्दी का उल्लेखनीय एवं सराहनीय कार्य” के लिए प्रथम स्थान प्रपट हुआ।



Information was provided regarding Wildlife Conservation and Career opportunities in Life sciences to 12th class students of Army Public School, Jabalpur visiting the center on 23.07.2025.

Lecture on Wildlife Conservation and Career opportunities in Life sciences to 12th class students of Army Public School, Jabalpur

DESERT REGIONAL CENTRE, JODHPUR, RAJASTHAN

A survey tour was conducted to Jammu & Kashmir and Ladakh from 4th June to 21st July 2025. A total of 87 species of faunal communities belonging to Gastropoda, Apterygota, Hemiptera, Hymenoptera, Lepidoptera,

Coleoptera, and Pisces were identified. Identification and Advisory Services were rendered to BGSB University, Rajouri (J&K). A total of 25 visitors visited the museum of the centre.



Faunal collection



Black headed Bulbul, *Brachypodius melanocephalos* (Gmelin, 1788)

NORTHERN REGIONAL CENTRE, DEHRADUN, UTTARAKHAND

A total of 82 species of faunal communities belonging Phthiraptera, Coleoptera, Orthoptera, Lepidoptera, Odonata, Pisces, Amphibia and Reptilia were identified. “Mission LIFE Programme- Save Water, Save Electricity, Cleanliness Drive” was organized by the centre for creating awareness among common public and by planting saplings under the initiative of Hon’ble PM of India “Ek Ped Maa kae Naam Campaign” in the Matri Van of the centre by staff, students of Uttarakhand University, Dev Bhoomi Uttarakhand, Graphic Era (Deemed to be University), DAV (PG) College, Dehradun and H.N.B. Garhwal University, Srinagar, Uttarakhand on the occasion of celebration of Harela festival marking the beginning of monsoon season on 16th, 18th, 24th and 31st July 2025.



Graphic Era University, Dehradun students visit to Fauna Museum of ZSI, NRC, Dehradun



Faculty and 57 Trainee students of Four Universities of Uttarakhand

SOUTHERN REGIONAL CENTRE, CHENNAI, TAMIL NADU

A total of 131 species of faunal communities belonging to Crustacea, Ephemeroptera, Hemiptera, Lepidoptera, Odonata, Psocoptera, Mollusca, Amphibia, Aves, and zooplankton were identified. Three new species of the subgenus *Tenuibaetis* Kang & Yang, 1994 [*Baetis* (*Tenuibaetis*) *dzulekensis* Vasanth et al. 2025; *Baetis* (*Tenuibaetis*) *jhargramensis* Vasanth et al. 2025 and *Baetis*

(*Tenuibaetis*) *reasiensis* Vasanth et al. 2025, and two new species of *Potamanthellus* Ulmer, 1939 [*Potamanthellus diversprimus* Vasanth, Kubendran & Subramanian, 2025 and *Potamanthellus sineiugis* Vasanth, Kubendran & Subramanian, 2025] of Ephemeroptera were described from the various parts of India.



Malabar Spiny Tree Mouse, *Platacanthomys lasiurus* Blyth, 1859

GANGETIC PLAINS REGIONAL CENTRE, PATNA, BIHAR

A survey tour was conducted to Vikramshila Gangetic Dolphin Sanctuary, Bhagalpur, Bihar, from 18th July to 24th July 2025. A total of 89 species of faunal communities belonging to Protozoa, Insecta, Mollusca, and Pisces were identified during this month. MoU was signed between the centre and Inland Waterways Authority of India, for the faunal diversity studies in Vikramshila WLS, Bihar, on 4th July 2025.



Ganges River Dolphin (*Platanista gangetica*) observed in Vikramshila WLS



Greater Adjutant (*Leptoptilos dubius*) observed in Vikramshila WLS

HIGH ALTITUDE REGIONAL CENTRE, SOLAN, HIMACHAL PRADESH

A total of 51 species of faunal communities belonging to Lepidoptera, Trichoptera, Neuroptera, Orthoptera, Hemiptera, and Pisces were identified. A total of four manuscripts including a Ph.D. thesis were reviewed by the scientists of the centre.



Brown headed Barbet, *Psilopogon zeylanicus* (Gmelin, JF, 1788)



Crested Lark, *Galerida cristata* (Linnaeus, 1758)

MARINE BIOLOGY REGIONAL CENTRE, CHENNAI, TAMIL NADU

A total of 54 species of different faunal communities were identified during this month. A new research project, '*Establishing in-situ coral repositories in Lakshadweep atolls*', was granted funding support from the MoEFCC.



Dr. G. Sivaleela, Scientist - E, attending the Rashtriya Karmayogi Training Programme at MoEF & CC, New Delhi.



Nudibranch egg spiral from the outer reef of Kavaratti atoll, Lakshadweep

ANDAMAN AND NICOBAR REGIONAL CENTRE, SRI VIJAYA PURAM, ANDAMAN AND NICOBAR ISLANDS

Two long-term surveys were conducted to Great Nicobar Island during 1st to 31st July 2025 and 27th to 31st July 2025 to study the Marine and Terrestrial faunal diversity. Six days local survey were conducted to study the Terrestrial and Marine Faunal diversity. A total of 211 species of faunal communities belonging to Decapoda, Hemiptera, Lepidoptera, Odonata, Orthoptera, Phasmatodea, Reptilia, Stomatopoda, Pisces, Echinodermata, and Mollusca were identified. Identification and Advisory Services were rendered to the Department of Environment and Forests, Andaman and Nicobar Islands. Mission LIFE awareness programs were conducted at different locations in Andaman and Nicobar Islands throughout the month.



Three training workshop on Awareness and Promotion of LIFE Activities



Saltwater Crocodile, *Crocodylus porosus* Schneider, 1801

SUNDERBAN REGIONAL CENTRE, CANNING, WEST BENGAL

A total of 50 species of faunal communities belonging to Crustacea, Mollusca, Echinodermata, Reptilia, and Pisces were identified during this month. Rajbhasa Karya

Samiti, Rajbhasa Karyashala, Yoga -Meditation training and Karmayogi - iGOT related meeting were held in the office premises during the month.



Yoga - Meditation class for staff



Antipatharians (Black corals)

FRESHWATER BIOLOGY REGIONAL CENTRE, HYDERABAD, TELANGANA

Two survey tours were conducted to Krishna River Basin and Three Ramsar Sites of Madhya Pradesh from 20th June to 9th July 2025 and 16th to 31st July 2025 respectively. A total of 72 species of faunal communities belonging to Pisces, Aquatic Coleoptera, Aquatic Hemiptera, and Reptilia were identified during this month. A total of 12 DNA sequences were submitted to NCBI. Mission LiFE and Swachhta Hi Seva Special Campaigns 4.0 were conducted to generate awareness among people.



Merops orientalis Latham, 1801



Motacilla cinerea Tunstall, 1771

WESTERN GHATS REGIONAL CENTRE, KOZHIKODE, KERALA

A survey tour was conducted to Wayanad Wildlife Sanctuary, Kerala from 16th to 26th July 2025. A total of 49 species of faunal communities belonging to Testate Amoeba, Coleoptera, Hymenoptera, Odonata, and Arachnida were identified. Three Hymenopteran species that are *Cyrtolabulus bishnoi* Girish Kumar, 2025, *Cyrtolabulus carpenteri* Girish Kumar, 2025, and *Paraleptomenes tamilensis* Girish Kumar, 2025, and one

Odonata species that is *Lyriothemis abrahami* Sadasivan, Jose, Nair & Palot, 2025 were described as new to science. Two species of moss-inhabiting Testate amoebae and one hymenopteran species were reported for the first time from India. Three Identification and advisory services were rendered to the different institutions, and three manuscripts were reviewed by the scientists of the centre. A total of 360 visitors visited the museum of the centre.



Survey team at Wayanad WLS

ESTUARINE BIOLOGY REGIONAL CENTRE, GOPALPUR-ON-SEA, ODISHA

A survey tour was conducted to coastal areas of Gujarat. A total of 165 species of different faunal communities were identified during this month. A total of five DNA barcodes were uploaded in the NCBI.



Ceryle rudis (Linnaeus, 1758)



Metopidius indicus (Latham, 1790)

ARUNACHAL PRADESH REGIONAL CENTRE, ITANAGAR, ARUNACHAL PRADESH

A total of nine species of faunal communities belonging Blattodea, Coleoptera, Hemiptera, Orthoptera, Lepidoptera, and Pisces were identified.



Review meeting Fauna of Borbheel at Deputy Commissioner's Conference Hall, Namsai, Arunachal Pradesh



Castalius rosimon (Fabricius, 1775)

MARINE AQUARIUM AND REGIONAL CENTRE, DIGHA, WEST BENGAL

Local survey tour was conducted to Digha and adjacent areas, West Bengal from 14th to 18th July 2025. A total of 26 species of faunal communities belonging

to Mollusca, and Nematoda were identified. One Identification and Advisory Service was rendered. A total of 4418 visitors visited the museum of the centre.



Marine faunal diversity survey tour at Digha

NEW DISCOVERIES

NEW SPECIES



Cyrtolabulus bishnoi Girish Kumar, 2025



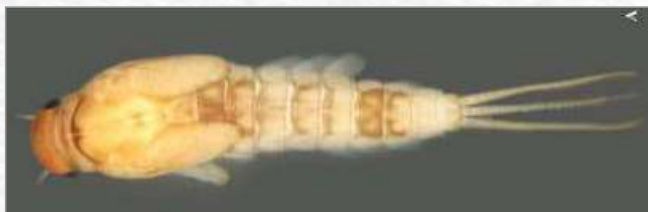
Cyrtolabulus carpenteri Girish Kumar, 2025



Lyriothemis abrahami Sadasivan, Jose, Nair & Palot, 2025



Paraleptomenes tamilensis Girish Kumar, 2025



Baetis (Tenuibaetis) dzulekensis Vasanth et al. 2025



Baetis (Tenuibaetis) jhargramensis Vasanth et al. 2025



Baetis (Tenuibaetis) reasiensis Vasanth et al. 2025



Potamanthellus diversiprimus Vasanth, Kubendran & Subramanian, 2025



Potamanthellus sineiugis Vasanth, Kubendran & Subramanian, 2025



Cyphoderus bihariensis Roy, Mandal & Suman, 2025



Achanthurella himalayana Mandal & Mandal, 2025



Piratula acuminata Sudhin, Sankaran & Sen, 2025

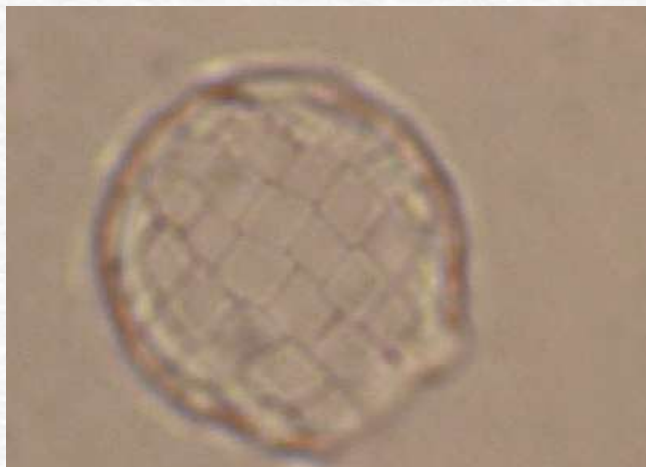
New Records



Allorhynchium chinense de Saussure, 1862



Centropyxis bipilata (Bakovic et al., 2019)



Centropyxis bipilata (Bakovic et al., 2019)

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ABSTRACTS

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20. Vijay, A., Mookkam, M. and Balakrishnan, S. 2025. Phylogenetic and taxonomic investigation to unfold the morphological and molecular characteristics of the Polychaete species (Polychaete: Phyllodocida: Nereididae) from the Southeast coast of India. In: *Book of Abstracts, Animal Taxonomy Summit 2025*, published by The Director, Zoological Survey of India. P. 24.
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POPULAR ARTICLES

1. Pati, S.K. 2025. Roles of brachyuran crabs in ecological restoration. *ZSI-EIACP Newsletter*, **31**(3): 2-18. (Published by EIACP Centre on Biodiversity (Fauna), Zoological Survey of India, Kolkata).
2. Jahan, S., Kushwaha, S., and Bhatnagar, P.S. 2025. Ek Sikari ke roop me Hemiptera. *Grameen Vikash Sandesh*, **20**(1-2): 133-135.
3. Jahan, S., Kushwaha, S., and Bhatnagar, P.S. 2025. Madhya Pradesh me sloth bear ka Khetriya Aankalan. *Grameen Vikash Sandesh*, **20**(1-2): 133-135.

MEETINGS ATTENDED

1. Dr. Dhriti Banerjee, Director, ZSI, officially inaugurated the technical sessions of Animal Taxonomic Summit 2025 (ATS 2025) on 1st July 2025; the ATS 2025 hosted over 500 delegates from five countries, including Ghana, Denmark, USA and the UK as part of exploring the three thrust areas; Taxonomy, Systematics, and Faunal Diversity & Conservation; witnessed 22 plenary lectures of eminent speakers from India as well as

abroad and 170 poster presentations and concluded with distribution of prizes to winners of poster presentations and release of six ZSI publications in the gracious presence of Shri Kirti Vardhan Singh, Hon'ble Minister of State, MoEF&CC & MEA on 3rd July 2025; the MoU between ZSI, IUCN and Wildlife Trust of India was executed from 1st July 2025 to achieve numerous shared objectives through specific agreement within the framework of an in-country general approach and a guiding tool for identifying and carrying out specific collaborative projects and activities in India for joint implementation from time to time; attended the Inauguration Ceremony of the Plant Taxonomic Section on 4th July 2025 at the Acharya Jagadish Chandra Bose Indian Botanic Garden, Botanical Survey of India, under the gracious presence of the Hon'ble Minister of State for MoEF&CC & MEA, Shri Kirti Vardhan Singh, along with the Joint Secretary of MoEF&CC and the Director In-charge of BSI; was invited to attend the 35th EC Meeting of National Authority CAMPA held on 4th July 2025 under the Chairmanship of Director General of Forests & Special Secretary at MoEF&CC, New Delhi; was invited to attend a webinar for ensuring smooth and complete the vacancy collection for the Multi-Tasking Staff and Havaladar Examination 2025 on 8th July 2025 to provide guidance on the vacancy reporting process and the difficulties faced by the user Departments in using the portal; attended a meeting on 9th July 2025 under the chairmanship of JS, MoEF&CC to review Group B (Gazetted) officers of BSI and ZSI under FR 56 (j)/(1) and Rule 48 of CCS (Pension) Rules, 1972 (now rule 42 of CCS (Pension) Rules, 2021; was invited for a meeting to review the status of the Ministry's preparation for the National Meet 2025 to be held under the Chairmanship of Secretary, Ministry of Environment, Forest and Climate Change on 10th July 2025; attended a meeting on 11th July 2025 under the chairmanship of JS (admin) regarding Mission Recruitment hosted by the Ministry of Environment, Forest and Climate Change (MoEF&CC); was invited to a Review Meeting of the North Eastern Hill (NEH) Program activities held on 11th July 2025 at the College of Fisheries, Lembucherra, Tripura, organised by the ICAR-National Bureau of Fish Genetic Resources (NBFGR); attended a meeting with the Hon'ble Union Minister MoEF&CC and the Secretary, MoEF&CC at the MoEF&CC, New Delhi on 14th July 2025; was invited for a meeting to review the preparation of MoEF&CC for the National Meet 2025 on "*Leveraging Space Technology & Applications for Viksit Bharat 2047*" under the Chairmanship

of Secretary, Ministry of Environment, Forest and Climate Change on 15th July 2025; attended the Jury Meeting on 16th July 2025 for the 3rd edition of Jal Sevak Samman 2025, an initiative by Electro-steel Castings Limited (ECL), was successfully held at The Tollygunge Club, Kolkata. The meeting marked an important step in the selection process to honour exceptional contributions in Water Conservation and Sustainable Water Management; lead a collaborative meeting between the National Centre for Disease Control (NCDC) and the Zoological Survey of India (ZSI) was held on 18th July 2025 to explore potential partnerships under the "*One Health*" initiative focusing disease surveillance, outbreak response, and communicable disease research, particularly zoonotic diseases, in the presence of Dr. Ranjan Das, Director, NCDC and key stakeholders working in the domain of "*One Health*" like All India Institute of Hygiene and Public Health (AIIPH), State Surveillance Officer (WB), State Nodal Officer-NRCP (WB), ICAR - Indian Veterinary Research Institute, Eastern Regional Station, STM Kolkata, IPGMER Kolkata etc.; was invited to the Stakeholder Consultation Meeting to discuss the ongoing preparation of the National Adaptation plan (NAP), Climate Risk and Vulnerabilities, Sectoral needs, priorities and strategies, and Adaptation Resourcing. The meeting was organised by the Ministry of Environment, Forest and Climate Change (MoEF&CC) on 21st July 2025 in New Delhi; was invited to participate in the Brainstorming Workshop on "*Investments in Blue Economy*" to get insights on the industry perspectives on blue economy on Trade & Investments, Startups & Innovation and Ease of Doing Business in India organised by the Ministry of Earth Science, on 25th July 2025; attended the Global Tiger Day Programme on 29th July 2025 held at ITC Sonar, Kolkata; was featured along with Smt. Rekha Gupta, Honorable Chief Minister of Delhi, in the 'India Today Woman Summit Event', an event aimed to honour distinguished women leaders who have overcome significant challenges to attain positions of influence across diverse sectors, held at ITC Maurya, Diplomatic Enclave, New Delhi on 31st July 2025 and also participated in a Fireside talk titled "*Breaking the Glass Ceiling*" moderated by a senior journalist from India Today where she shared her work experience and highlighted the state of India's Biodiversity; has been opted as a member of the Board of Studies of the Department of Zoology of Aligarh Muslim University, Aligarh under Statute 22 (1) (v) of the Statute of the University for a period of two years with effect from 03.06.2025.

2. Dr. C. Raghunathan, Scientist-F, ZSI/HQ, Kolkata, served as an Organizing Secretary in Animal Taxonomy Summit 2025 organized by ZSI from 1st to 3rd July 2025; attended the Roundtable meeting for Invasive Species Policy organized at School of Planning Architecture, Ministry of Education at Bhopal on 17th and 18th July 2025; attended the meeting for GNI projects monitoring committee meeting chaired by the Chief Secretary, A & N islands and presented the progress of coral reef monitoring and intertidal fauna project on 21st July 2025; attended meeting at CCU, MoEFCC for awarding tender for EGRC, Amaravati on 23rd and 24th June 2025; attended meeting related NGT observation on GNI projects held on 25th July 2025 organized by MoEFCC, New Delhi; provided the comments to the Ministry on 29th July 2025 for CBD Notification 2025-079 regarding invitation to participant in the peer review of the draft document containing the strategic review and analysis, and a draft update of the current expanded programme of work on forest biodiversity in the context of the Kunming-Montreal Global Biodiversity Framework; attended IUCN Red Listing preparatory meeting chaired by the Joint Secretary, MoEFCC on 31st July 2025.
3. Dr. C. Sivaperuman, Scientist- F, ZSI/ANRC, Sri Vijaya Puram, attended meeting with the Registrar, Madurai Kamaraj University, Madurai in connection with the recognition of Ph.D. guideship on 9th July 2025; attended meeting with the Registrar, Bharathidasan University, Tiruchirapally in connection with the recognition MoU between ZSI and BU on 10th July 2025; attended meeting with Prof. K. Thiyagesan, Principal (Retd.), AVC College, Bharathidasan University, in connection with the proposed work plan of the research studies in Great Nicobar Island on 11th July 2025; attended meeting with Mr. Saravanan, IAS, District Collector, Tiruchirapally in connection with the status of the allocation of land for SRC, Chennai on 11th July 2025; attended meeting with the officials of Bureau of Indian Standards, Ministry of Consumer Affairs, Food & Public Distribution, Government of India, Chennai 600113 in connection with the BIS-ISO Certification on 25th July 2025.
4. Dr. Gaurav Sharma, Scientist-F, ZSI/NRC, Dehradun, attended meeting and also participated in the inspection visit of Tehri Lake to select the area for Biodiversity Park organized by Uttarakhand Biodiversity Board, Dehradun held at GMVN Meeting Hall, Tehri Lake on 10th July 2025; attended virtual meeting as External Member of the Undergraduate Board of Studies in Zoology of Kurukshetra University Kurukshetra held under the Chairperson, Department of Zoology, Kurukshetra University Kurukshetra, Haryana on 10th July 2025; attended the Convocation of IFS Officers of Indira Gandhi National Forest Academy, Dehradun held at the Convocation Hall of Forest Research Institute Main Building, Dehradun on 30th July 2025.
5. Dr. K. A. Subramanian, Scientist - F, ZSI/SRC, Chennai, represented ZSI in Eco-sensitive Zone meeting of MoEF&CC; attended Forest Management Plan meeting of Coimbatore Forest Division, Tamil Nadu; attended online meeting of Long-Term Ecological Observatories meeting, MoEF&CC.
6. Dr. Deepa Jaiswal, Scientist- E, ZSI/FBRC, Hyderabad, attended meeting conducted by APCRDA on Amravati Capital development chaired by Honourable CM Shri Nara Chandra Babu Naidu at Secretariat, Amravati on 8th July 2025.
7. Dr. Anil Mohapatra, Scientist- E, ZSI/EBRC, Gopalpur, attended meeting and field visit related to project *"Impact assessment on the fauna around the proposed Shree Jagannath International Airport (SJIA) at Puri, with special reference to dolphin, sea turtles & migratory birds of Chilika"* from 22nd to 25th July 2025.
8. Dr Bindu L., Scientist-E, ZSI/WGRC, Kozhikode, presented the annual programme *'Testate Amoebae (Tubulinea) of India'* in the Research Advisory committee meeting (virtual) held by the Forest Department of Goa for permission to survey Forested tracts of Goa.
9. Dr. Souvik Sen, Scientist- E, ZSI/HQ, Kolkata, acted as an 'External Examiner' for the M.Sc. (Zoology) practical examination at Asutosh College, Kolkata on 10th July 2025; attended a VC Meeting on *'Ministry's preparation for National Space Meet 2025 (NM2.0)'* under the chairmanship of the Secretary, MoEFCC, on 12th July 2025; attended *'Stakeholder Consultation on One Health Framework and Deliberation on Memorandum of Understanding (MoU) between ZSI and NCDC'* under the chairpersonship of Dr. Dhriti Banerjee, Director, ZSI at ZSI, Kolkata on 18th July 2025; acted as a Chairman of the Viva Voce Board for conducting the Ph.D. Viva Voce of a Research scholar under Mahatma Gandhi University, Kottayam, Kerala through virtual mode on 30th July 2025.
10. Dr. J.S. Yogesh Kumar, Scientist- E, ZSI/SbRC, Canning, attended online meeting along with Dr. Prabhakar Rai,

Scientist- C, regarding Implementing Unified Pension Scheme organized by PFRDA, Delhi on 15th, 22nd and 29th July 2025.

11. Dr. P. S. Bhatnagar, Scientist- E, ZSI/CZRC, Jabalpur attended “*Workshop on settlement of outstanding Internal Audit para*” organized MoEFCC at Gandhinagar, Gujrat on 17th July 2025; attended International Tiger Day celebration event-2025 organized by Madhya Pradesh Forest Department with Chief Guest being Hon’ble Chief Minister of Madhya Pradesh Dr. Mohan Yadav on 29th July 2025.
12. Dr. Anil Kumar, Scientist-E, ZSI/GPRC, Patna, attended a seminar on “*Formulation of State Biodiversity and Action Plan, Domain: River and Wetland Ecosystems and Landscapes in Bihar*” organised by the Bihar State Biodiversity Board and National Institute of Technology, Patna on 27th July 2025.
13. Dr. S.D. Gurumayum, Scientist-E, ZSI/APRC, Itanagar, attended a meeting with Brigadier Amit Sood, Gajaraj Corps, Tezpur, on 26th July 2025 to discuss the future plan of action of ZSI in cooperation with the Indian Army. During the discussion, it was agreed to share the existing knowledge of ZSI scientists about higher wild animals and the maximum utilization patrolling unit of the army in documenting and conserving wild animals, especially in bordering and hard areas of Arunachal Pradesh.
14. Dr. S. Balakrishnan, Scientist- E, ZSI/MARC, Digha, attended VC meeting to discuss on the issues relating to Red Listing on 31st July 2025 organised by MoEFCC, New Delhi.
15. Dr. A.S. Kalawate, Scientist-E, ZSI/WRC, Pune, attended a State Wildlife Board meeting on 18th July 2025 under the chairmanship of Honourable State Environment Minister Shri Eknath Sambhaji Shinde on virtual mode; attended a Goa Biodiversity Board Meeting on 17th July 2025; attended a meeting with IUCN Tiger beetle assessment group regarding the progress of assessment of the tiger beetles and the modus operandi for further action for conservation of the species in India on 20th July 2025.
16. Dr. N. Marimuthu, Scientist- E, ZSI/HQ, Kolkata, attended an online meeting pertaining to IUCN Red List under the chairmanship of Ms. Nameeta Prasad, JS, MoEFCC, Govt of India on 31st July 2025.
17. Dr. Dimos Khyrniam, Scientist- D, ZSI/NERC, Shillong, attended the online meetings related with NPS to UPS migration with Ministry office, New Delhi on 8th and 29th July 2025.
18. Dr P. Girish Kumar, Scientist-D, ZSI/WGRC, Kozhikode, participated in the Golden Jubilee Celebration of ICAR-Indian Institute of Spices Research, Kozhikode on 1st July 2025.
19. Dr. Tamal Mondal, Scientist- D, ZSI/HQ, Kolkata, organized poster and oral presentations of technical sessions of Animal Taxonomy Summit 2025 (ATS 2025) from 1st to 3rd July 2025; provided reply on Rajya Sabha and Lok Sabha Questions; provided inputs/ comments for submission of voluntary national reports to the 20th Session of the United Nations Forum on Forests (UNFF) to be held from 5th to 9th May 2025 in New York as required for MoEFCC; attended a meeting related to review the preparation of Ministry of Environment, Forest and Climate Change for the National Meet 2025 on “*Leveraging Space Technology & Applications for Viksit Bharat 2047*” under the chairmanship of Shri Tanmay Kumar, Secretary, MoEFCC on 10th and 12th July 2025 (virtually); attended ‘Stakeholder Consultation on One Health Framework and Deliberation meeting with NCDC’ under the chairpersonship of Dr. Dhriti Banerjee, Director, ZSI at ZSI, Kolkata on 18th July 2025; attended NGT hearing on Holistic Development of Great Nicobar Island on 24th July 2025 (virtually).
20. Dr. Atanu Naskar, Scientist- C, ZSI/HQ, Kolkata, has accompanied DZSI for attending a meeting with the Union Minister and the Secretary to MoEFCC on 14th July 2025.
21. Dr. Sathish Kumar V. M., Scientist-C, ZSI/GPRC, Patna, along with Shri. Mansih Chandra Patel, Assistant Zoologist, ZSI/GPRC, Patna, participated in the “*Bihar State Biodiversity Board Consultation Meeting on the implementation of Singapore City Biodiversity Index & Documentation of Urban Biodiversity of Bihar*” from 21st to 22nd July 2025, held at Patna Zoo, organized at BSBB, Patna, Bihar; attended a seminar on “*Formulation of State Biodiversity and Action Plan, Domain: River and Wetland Ecosystems and Landscapes in Bihar*” organised by the Bihar State Biodiversity Board and National Institute of Technology, Patna on 27th July 2025; attended a one-day seminar hosted by TPS College, Patliputra University, Patna as a Chief Guest on the occasion of International Tiger Day, on 29th July 2025.
22. Ms. Debashree Dam, Scientist- C, ZSI/HQ, Kolkata, attended the inauguration of Taxonomic Garden by

MoS, MoEFCC, Shri Kirti Vardhan Singh on 4th August 2025 at Indian Botanic Garden, Shibpur, Kolkata; attended the Jal Samaan 2025 Jury meet along with Director, ZSI held at The Tollygunge Club on 16th July 2025; attended and anchored the World Tiger Day 2025 program, organised by The Tollygunge Club and ICICI bank in association with Environ and Motovolt Mobility, at The Tollygunge Club on 29th July 2025 on invitation.

23. Dr. Vikram Delu, Scientist-B, ZSI/APRC, Itanagar, participated in the *Firefly Survey*, a citizen science initiative hosted by Graphic Era University, Dehradun, on World Firefly Day from 5th to 6th July 2025.
24. Shri. Sreejith S. Kumar, Assistant Zoologist, ZSI/WGRC, Kozhikode, attended the Golden Jubilee Celebration of the Department of Official Language (Dakshin Samvad) in Hyderabad, Telangana, on 11th July 2025.
25. Mr. Amit Kumar, Office Superintendent, ZSI/FBRC, Hyderabad, along with Mr. Indranil Singha Sr. Zoological Asst. and Mr. Boyapally Shankar LDC, attended Hindi Meeting "*Rajbhasha Vibhag Swarna Jayanti Samaroh-2025 (1975-2025)*" at GMC Balayogi Indoor Stadium, Hyderabad on 10th July 2025.
26. Mr. Naresh Koshta, UDC, ZSI/CZRC, Jabalpur, attended the "स्वर्ण जयंती राजभाषा सम्मेलन" organized by राजभाषा विभाग, गृह मंत्रालय at New Delhi on 26th July 2025, Hon'ble Home Minister Shri Amit Shah was the chief guest during the occasion.

TRAININGS ORGANIZED

1. ZSI/ANRC, Sri Vijaya Puram, organised three day training workshop on '*Awareness and Promotion of LiFE Activities*', under the '*Training of Personnel of Other Stakeholders*' for the teachers of the A & N Islands sponsored by the Ministry of Environment, Forest and Climate Change, Government of India during 17th to 19th July 2025; organized Capacity Building cum Training Programme - "*An Awareness Session on Island Biodiversity, Antarctica- A journey through everlasting ice and Mangrove Ecosystem*" on 24th July 2025.
2. ZSI/NRC, Dehradun, organized one day training programme on topic entitled "*Status of Faunal Diversity and efforts on their Conservation in India*" to 51 B. Tech. and Forensic Science students of Graphic Era (Deemed to be University), 05 M.Sc. Zoology students of Uttaranchal University, Dehradun and 01 M.Sc. Zoology student of H.N.B. Garhwal University,

Srinagar, Uttarakhand in the conference hall of the centre on 31st July 2025.

3. ZSI/MARC, Digha, organized one-day training programme on "*Ornamental fishes and Aquarium Management*" for the graduation students and faculty from the department of Zoology, Santal Bidroha Sarda Sataban Shivi Mahavidyalaya, Goaltore, Purba Medinipur on 30th July 2025.
4. ZSI/CZRC, Jabalpur, organized Two Days training on PFMS on 22nd and 24th July 2025.
5. ZSI/APRC, Itanagar, imparted training to B.Sc. Forestry students from Uttaranchal PG College of Bio-Medical Science & Technology, attached to the Department of Environment, Forests & Climate Change, Government of Arunachal Pradesh, from 27th to 30th June 2025; Conducted a Summer Internship Programme for five B.Sc. (Zoology) students from Chaiduar College, Assam.

TRAININGS ATTENDED

1. Dr. R. Bano, Scientist- E, ZSI/DRC, Jodhpur, Dr. G. Sivaleela, Scientist- E, ZSI/MBRC, Chennai, Dr. D.Suresh Chand, Scientist-E, ZSI/HQ, Kolkata, Dr. A. Rameshkumar, Scientist- D, ZSI/HQ, Kolkata, Dr. Manpreet Singh Pandher, Scientist- D, ZSI/HARC, Solan, and Dr. Temjenmongla, Scientist-D, ZSI/APRC, Itanagar, attended three days "*Rashtriya Karmayogi Training Programme (Batch-1 Master Trainers) Phase-II*" at Testa Hall, Indira Paryavaran Bhawan, MoEF&CC, New Delhi from 23rd to 25th July 2025.
2. Dr. R. H. Raina, Scientist- E, ZSI/DRC, Jodhpur, attended two days Regional Workshop on "*Conservation and wise use of Wetlands under Sahbhagita Mission in Central and Western States*" at Udaipur, Rajasthan from 3rd to 4th July 2025.
3. Dr. A.S. Kalawate, Scientist-E, ZSI/WRC, Pune, attended a webinar on "*Moths Matter*" & "*General Micromoths*" by Dr. Roger Kendrick, Managing Director at C & R Wildlife, Hong Kong organized by Chittagong Insect society, Bangladesh, on 18th July 2025 and 19th July 2025, respectively; attended a webinar on "*Microlepidoptera taxonomy with special emphasis on Tortricidae*" by Dr. Shashank, Senior Scientist, IARI, New Delhi organized by Chittagong Insect society, Bangladesh on 23rd July 2025.
4. Dr. Mrinal Kumar, Scientist-D, ZSI/ANRC, Sri Vijaya Puram, along with Dr. K. Silambarasan, Scientist-B

and Dr. Soumyadip Panja, Scientist-B, participated in a One Day Workshop on the project “*Environmental Changes as Recorded and Experienced by the Onge at Dugong Creek*” on 21st July 2025 at Anthropological Survey of India, Sri Vijaya Puram, South Andaman.

5. Dr. Dipanwita Das, Scientist-B, ZSI/DRC, Jodhpur, completed a two-week online course on “*Advanced Training on Environmental Impact Assessment (EIA)*” organized by the Centre for Tropical Biodiversity Conservation, Malappuram, Kerala, from 20th June to 2nd July 2025.

LECTURES DELIVERED

1. Dr. C. Sivaperuman, Scientist- F, ZSI/ANRC, Sri Vijay Puram, delivered two lectures on “*Ecosystem and Ecosystem Services*” and “*An overview of Biodiversity of Island Ecosystem*” in the three day training workshop on ‘*Awareness and Promotion of LiFE Activities*’, under the ‘*Training of Personnel of Other Stakeholders*’ for the teachers of the A & N Islands sponsored by the Ministry of Environment, Forest and Climate Change, Government of India during 17th July 2025; delivered a talk on “*Island Biodiversity and Conservation*” to the trainees organized by the UGC Malviya Mission Teacher Training Centre, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh on 21st July 2025; delivered a talk on “*Island Biodiversity and Conservation; Antarctica: A Journey through everlasting Ice*” to the students of Navy Children School, Port Blair organized by the Defense Women Welfare Association, A & N Command on 24th July 2025.
2. Dr. Gaurav Sharma, Scientist- F, ZSI/NRC, Dehradun, delivered lecture on “*Status of Faunal Diversity in India*” to M.Sc. Zoology students of Uttaranchal University, DAV (PG) College, Dev Bhoomi Uttarakhand University, Garhwal University in the conference hall of the centre on 16th July 2025; delivered lecture in the one day training programme on “*Status of Faunal Diversity and efforts on their Conservation in India*” to 51 B. Tech. and Forensic Science students of Graphic Era (Deemed to be University), 05 M.Sc. Zoology students of Uttaranchal University, Dehradun and 01 M.Sc. Zoology student of H.N.B. Garhwal University, Srinagar, Uttarakhand in the conference hall of the centre on 31st July 2025.
3. Dr. Avtar Kaur Sidhu, Scientist- F, ZSI/HARC, Solan, delivered a lecture on “*High Altitude faunal Diversity*” on 8th July 2025 to College/University teachers at UGC-Malaviya Mission Teacher Training Centre, Himachal Pradesh University, Shimla.
4. Dr. Basudev Tripathy, Scientist-E, ZSI/WRC, Pune, delivered a lecture on “*Importance of Taxonomy*” at Fergusson College, Pune, on 28th July 2025.
5. Dr. K.P. Dinesh, Scientist-E, ZSI/WRC, Pune, delivered an invited talk on “*Amphibian Diversity in India: Recent Advances in understanding ecological sentinels*” at two days National Seminar on “*Recent Advances in Animal Sciences*”, organized by the Department of Zoology, Karnataka University, Dharwad on 3rd and 4th July 2025; delivered an invited talk on “*Recent Trends in Amphibian Diversity Research in India: Environmental Challenges and Sustainable Conservation Strategies*” at two days National Conference on “*Indian Zoological Conference - 2025 (IZC-2025)*” at Bangalore University, Bangalore, Karnataka under the major theme ‘*Recent Trends in Zoology for Sustainable Development*’ on 12th and 13th July 2025 at Bangalore University.
6. Dr. S. Balakrishnan, Scientist- E, ZSI/MARC, Digha, delivered the valedictory remarks for a three-day hands-on training programme on “*Grow-out Culture and Fattening of Mud Crabs in HDPE Boxes in Bheries*” under the Scheduled Caste Sub Plan (SCSP) from 23rd to 25th July 2025, organised by Digha Regional Station of ICAR-CMFRI on 25th July 2025.
7. Dr. M. E. Hassan, Scientist-E, ZSI/GPRC, Patna, delivered Lectures on 8th, 11th and 16th July 2025 on “(1) *Collection, Preservation and Identification*, (2) *External morphology of Insects with special reference to Order Hemiptera*” and “*Research methodology and Manuscript preparation*” to the Graduate student doing Internship Programme at Gangetic Plains regional Centre, Patna.
8. Dr. P. S. Bhatnagar, Scientist- E, ZSI/CZRC, Jabalpur, delivered a lecture on “*Wildlife Conservation and Career opportunities in Life sciences*” to 12th class students of Army Public School, Jabalpur visiting the center on 23rd July 2025.
9. Dr. P. C. Pathania, Scientist- E, ZSI/HARC, Solan, delivered a lecture on “*Techniques of Collection, Preservation, and Economic Value of Insects*” on 17th July 2025 to College/University teachers at UGC-Malaviya Mission Teacher Training Centre, Himachal Pradesh University, Shimla.

10. Dr P. Girish Kumar, Scientist-D, ZSI/WGRC, Kozhikode, inaugurated the Science, Social Science & Mathematics Clubs of the academic year 2024-25 of Kunnamangalam Higher Secondary School, Kozhikode and delivered a talk on the biodiversity of the Western Ghats.
11. Dr. Muhamed Jafer Palot, Scientist-C, ZSI/WGRC, Kozhikode, delivered a talk on '*Biodiversity Conservation*' during the Vanamahotsav Seminar held on 1st July 2025 at St. Joseph's College, Devagiri, Kozhikode, which the Social Forestry Division of the Kerala Forests & Wildlife Department organized; recorded and broadcast a talk titled '*Butterflies of Aralam WLS*' at All India Radio, Kannur, on 5th July 2025 as part of the Science Café programme.
12. Dr. V. M. Sathish Kumar, Scientist-C, ZSI/GPRC, Patna, delivered an invited lecture on "*Species in the Cloud: AI, eDNA and the New Era of Wildlife Detection*" as a Chief Guest during a one-day seminar hosted by TPS College, Patliputra University, Patna, on the occasion of International Tiger Day, on 29th July 2025.
13. Dr. Ashis Kumar Das, Project Scientist-I, ZSI/EBRC, Gopalpur, delivered a lecture on "*Olive Ridley Sea turtle conservation in Odisha*" in the training programme for B.Sc. Forestry students of OUAT on 21st July 2025 in Puruna Bandha Interpretation Centre of Forest Department.

PHOTO GALLERY



Animal Taxonomy Summit-2025



Release of ZSI Publications by Shri Kirti Vardhan Singh, Hon'ble Minister of State, MoEF&CC & MEA during ATS 2025



Inauguration Ceremony of the Plant Taxonomic Section at the Acharya Jagadish Chandra Bose Indian Botanic Garden, Botanical Survey of India.



Collaborative meeting between the National Centre for Disease Control (NCDC) and the Zoological Survey of India (ZSI) on 18th July 2025 to explore potential partnerships under the “One Health” initiative focusing disease surveillance, outbreak response, and communicable disease research, particularly zoonotic diseases.



India Today Woman Summit Event held at ITC Maurya, Diplomatic Enclave, New Delhi



Dr. Dhriti Banerjee, Director, ZSI, delivering her speech at India Today Woman Summit Event held at ITC Maurya, Diplomatic Enclave, New Delhi

‘Goodbye Mountain’ trailer- Zoological Survey’s first female director

জুলজিকাল সার্ভের প্রথম মহিলা
ডিরেক্টরের হাতে ‘গুডবাই মাউন্টেন’
ট্রেলার লঞ্চ

কলকাতার পার্ক স্ট্রিটে এক জমকালো রেস্টোরাঁয় ইন্ড্রাশিস
আচার্যের নতুন ছবি ‘গুডবাই মাউন্টেন’ (Goodbye
Mountain) এর ট্রেলার মুক্তি পেল।



‘গুডবাই মাউন্টেন’ ট্রেলার লঞ্চ।

Launching the trailer of a Bengali Feature Film “Goodbye Mountain”