

ZSI E-News

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108th

Foundation Day ceremony of Zoological Survey of India





From the Director's Desk

Climate Change, Government of India addressed the gathering. Mr. Chandra Prakash Goyal, IFS, Director General of Forest and Special Secretary, Ministry of Environment, Forest and Climate Change, Government of India delivered a special address. During the inaugural session five books were released by the Chief Guest and the Guest of Honour. The MoU between ZSI and three institutions such as the Royal Government of Bhutan, Department of Forest and Park Services for Conservation of Red Panda, IIT-Jodhpur for Research and Extension, and the Burdwan University, West Bengal for Research and Extension have been exchanged in the presence of Hon'ble Ministers. The Technical Session of ATS 2023 was organized under three major themes Taxonomy, Biogeography and Ecology, and Biodiversity & Conservation. A total of ten eminent experts delivered invited lead lectures and three eminent experts delivered invited special lectures in different thematic areas of the Summit. A total of 55 oral and 62 poster presentations were made by the participants during the ATS 2023. All the accepted abstracts have been published and the accepted papers were published as a special issue of the journal Records of Zoological Survey of India. Officials from Natural History Museum, London visited ZSI during the 108th ZSI Day and made detailed discussion on the progress and possibilities of the on-going MoU in between ZSI and NHM, London. A total of nine species of faunal communities were described as new species to science whereas 28 faunal species were recorded for the first time from India.

I extend my deepest compliments to all the officers and staff of ZSI for the remarkable contributions during the month for the successful accomplishment of 108th ZSI Day and Animal Taxonomy Summit 2023 (ATS 2023) as well as carrying out the exemplary research works in faunal studies.

With best wishes for successful publication of this July 2023 E-News edition.

Jai Hind

Dr. Dhriti Banerjee

Director
7th August 2023
Kolkata

Heartiest Greetings to our readers!

The E-News of the Zoological Survey of India is a short monthly representation of this institute to keep the readers posted about several activities, events, new discoveries, records and achievements that are undertaken in its headquarters and the Regional Centres. I am very happy to bring to you the report of July 2023.

This month ZSI completed 108 years of its contribution to the nation. 1st July, the ZSI day is being celebrated in Zoological Survey of India, Kolkata and its regional centres. On the occasion of 108th ZSI Day, a history was scripted in the Indian animal taxonomical research as the 1st Animal Taxonomy Summit 2023 was organized in a magnificent way. More than 400 participants along with Indian taxonomical experts in various field of research across the country participated in this event. The Chief Guest of the inaugural session, Mr. Bhupender Yadav, Hon'ble Minister, Ministry of Environment, Forest and Climate Change, Government of India formally inaugurated the ATS 2023 and delivered an inaugural address. The Guest of Honour, Mr. Ashwini Kumar Choubey, Hon'ble Minister of State, Ministry of Environment, Forest and



HEADQUARTERS, KOLKATA

Two surveys were conducted during the month to Birbhum and across the different Geo- climatic region of West Bengal under the programme 'Faunal Composition of Tropical Dry Deciduous Forest, Phase I- West Bengal', and 'Morphology, Molecular taxonomy and Bionomics of forensic flies (Insecta: Diptera)' respectively. One local survey was conducted to Baruipur-Amtala for 'Hands-on training on Apterygota taxonomy with special focus on Collembola'. A total of 526 species of faunal communities including Acanthocephala, Apterygota, Arachnida, Bird, Coleoptera Chalcidae, Crustacea, Dermaptera, Diptera, Earthworm, Echinodermata, Ephemeroptera, Formicidae, Leeches, Mollusca, Nematodes (soil and marine), Odonata, Orthoptera, Plecoptera, Porifera, Testate amoeba, Trematodes, Tricichoptera, Thrips and 13 species from Bharati Huda Archaeological site were identified during the month. Two new species of apterygota namely, *Willowsia arunachalensis* sp. nov., and *Willowsia sikkimensis* sp. nov. and one new species of thrips namely, *Scirtothrips quercus* sp. nov. and three new species of coleopteran namely, *Maladera bezdeki* Bhunia, Gupta, Sarkar and Ahrens, 2023, *Melolontha arunachalensis* Gupta, Keith, Bhunia, Das, Ghosh & Chandra, 2023, and *Melolontha lachungensis* Gupta, Keith, Bhunia, Das, Ghosh & Chandra, 2023 were described new to science and 23 species of faunal communities including arachnida, apterygota, coleopteran diptera, thrips, mollusca, nematodes and dermaptera were recorded new to India. A total of 4 species of thrips, 8 species of soil nematodes and one species of platyhelminthes were augmented in NZCs. Identification and advisory services were rendered to the Divisional Forest Officer, Directorate of Forests, Office of the Divisional Forest Officer, Nadia-Murshidabad, Aligarh Muslim University, Jawahar Lal Nehru Krishi Vishwavidyalaya, Jabalpur, Madhya Pradesh, Institute of Forest Productivity, Indian Council of Forestry Research & Education, Ranchi Jharkhand, District Epidemiologist, Ukhrul, CMO Ukhrul, Manipur, Kazi Nazrul University, Paschim Bardhaman, Moolji Jaitha College, Jalgaon and Chandannagar College, Hooghly. Mr. John Jackson, Head of Science Policy & Communication, Science Directorate, and Dr. Andrew Polaszek, Scientist, Natural History Museum, London, UK visited the sections of ZSI, HQ on 4th & 6th July 2023 respectively.



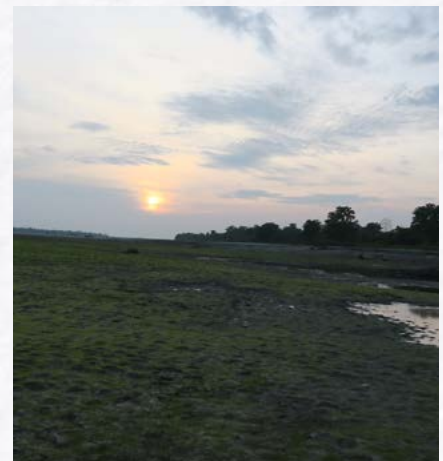
A field survey tour under Project titled “Faunal Composition of Tropical Dry Deciduous Forest, Phase I: West Bengal-2023 -24” from 24th to 31st July 2023.

NORTH EASTERN REGIONAL CENTRE, SHILLONG, MEGHALAYA

A total of 60 species of faunal communities belonging to Hemiptera, Cerambycidae, Aranea, Orthoptera, Odonata, Coleoptera, Pisces and Amphibia were identified during the month. Identification and advisory services were rendered to the Working Plan Officer, Meghalaya, Shillong and to the Department of Zoology, NEHU, Shillong.



Ruddy shelduck



Landscape of Dibru Saikhowa NP

WESTERN REGIONAL CENTRE, PUNE, MAHARASHTRA

One survey was conducted to Lonavala, Pune. A total of 152 species of faunal communities belonging to Arachnida, Coleoptera, Decapoda, Hemiptera, Hymenoptera, Lepidoptera, Mollusca, Odonata, Amphibia and Pisces were identified during the month. Identification and advisory services were rendered to Department of Agricultural Entomology, College of Agriculture, Dharwad, Karnataka, Appraising Officer, SIIB (Import), JNCH, Nhava Sheva, Raigad, Maharashtra and Divisional Forest Officer, Kozhikode for confiscated material. Two internal Hindi Rajbhasha Samiti meetings were organized on 12th and 14th July 2023. A workshop was conducted on sitting Yoga mudras for the officers and staff of the centre to manage the work stress and life style diseases on 24th July 2023.



Malabar danio *Devario malabaricus*
(Jerdon, 1849)



Whirligig beetle *Dineutus indicus* Aubé, 1838



WRC visit by RFOs on 2023



CENTRAL ZONE REGIONAL CENTRE, JABALPUR, MADHYA PRADESH

A total of 70 species of faunal communities belonging to Coleoptera, Lepidoptera, Mollusca, and Amphibia were identified during this month. Identification services rendered to students of JNKVV, Jabalpur. Azadi Ka Amrit Mahotsav' was celebrated at the centre by incorporating all the activities and initiatives under it. Cleaning drive was organised at dry lab of CZRC on 28th July 2023 under Swatchhta Campaign. Organized a lecture by Dr. Suphala Pujari and Dr. Uma Masur from Parvati Bai Chawgule College of Arts and Science, Goa on topic "Ethnology in Biodiversity", and Flora of Goa "People Biodiversity Register" respectively on 07th July 2023 and a Hindi Karayashala organized on 21st July 2023, where Mr. Raj Ranjan Srivastav, Secretary, Nagariya Rajbhasha Karyavanvayan Samitee Karyalaya Kramank-II visited the centre and provided information about the use of Hindi in official works.

Hindi Karyashala organized at CZRC, Jabalpur on 21st July 2023



Pandav lake: A natural Lake in Gangau Sanctuary, Dist. Panna, Madhya Pradesh



DRC Stall during Agriculture Fair at Agriculture University Jodhpur

DESERT REGIONAL CENTRE, JODHPUR, RAJASTHAN

A total of 56 species of faunal communities belonging to Mollusca, Insecta, Arachnida, and Pisces were identified during the month. A stall exhibiting Desert Fauna was set up at Agriculture Fair from 30th June 2023 to 1st July, 2023 organized by Agricultural University, Mandore, Jodhpur. The stall was visited by Hon'ble Shri Lalchand Kataria, Minister of Agriculture and Animal Husbandry, Government of Rajasthan and Hon'ble Shri Murari Lal Meena, Minister of State, Agriculture Marketing Department, Government of Rajasthan and they appreciated the activities of ZSI.



World environment Day and Yoga day celebrated at DRC Jodhpur

NORTHERN REGIONAL CENTRE, DEHRADUN, UTTARAKHAND

One Local Survey was conducted to Asan Conservation Reserve. A total of 72 species of faunal communities belonging to Protozoa, Phthiraptera, Orthoptera, Lepidoptera, Hymenoptera, Pisces, Amphibia, and Reptilia were identified during the month. An awareness programme under Mission LiFE - Save Water, Save Electricity Awareness Rally and Swacchta Programme were organized.

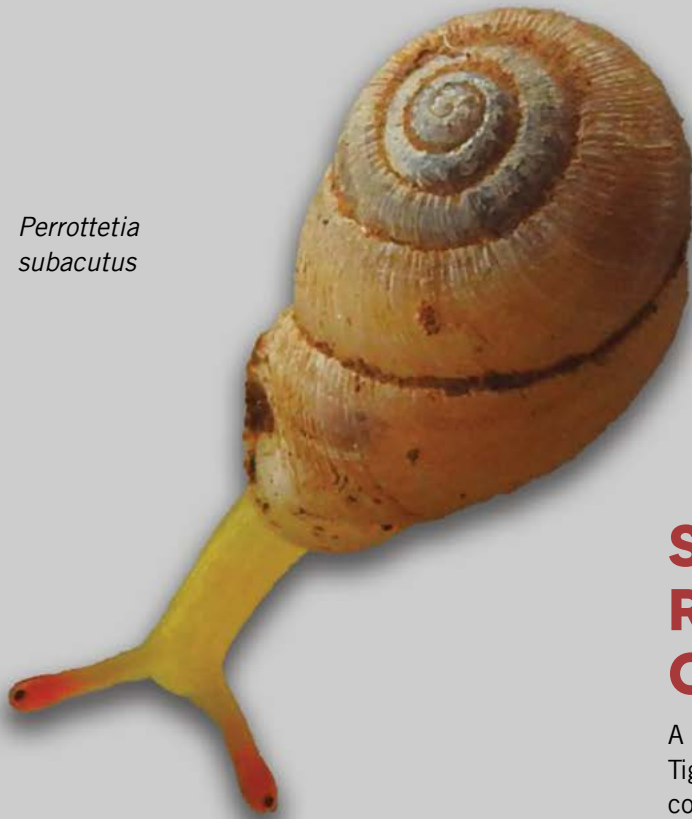


Saxicola ferreus Gray & Gray,
1847



Mission LiFE & Swacchata Abhiyan at ZSI Campus, Dehradun

*Perrottetia
subacutus*



SOUTHERN REGIONAL CENTRE, CHENNAI

A faunal survey was undertaken at Anamalai Tiger Reserve. A total of 157 species of faunal communities belonging to Odonata, Lepidoptera, Rotifera, Cladocera, Rhizopoda, Ostracoda, Mollusca, Amphibia, and Reptiles were identified during the month. The scientist of this centre discovered a new species of Ostracoda i.e. *Ilyocypris narmadensis* Thilak, 2023 from the Western Zone of Narmada Basin, Madhya Pradesh, India.



Calotes calotes



Certificate of Official Language Inspection held on 15th July 2023 at Ranchi, Jharkhand from Hon'ble Parliamentary Official Language Committee Convener Mr. Manoj Rajouria in the presence of Director, Zoological Survey of India, Dr. Dhriti Banerjee.

GANGETIC PLAINS REGIONAL CENTRE, PATNA, BIHAR

A total of 46 species of faunal communities belonging to Insecta, Mollusca, and Pisces were identified during the month. Certificate of Official Language Inspection was held on 15th July 2023 at Ranchi, Jharkhand from Hon'ble Parliamentary Official Language Committee under the Convener Mr. Manoj Rajouria in the presence of Director, Zoological Survey of India, Dr. Dhriti Banerjee.

Small Pratincole : *Glareola lactea* (Temminck, 1820)





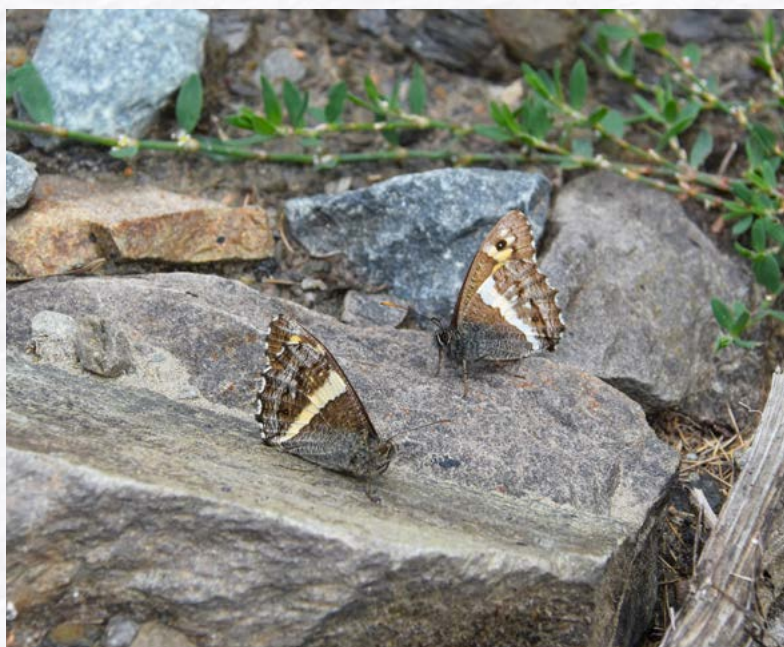
Yellow billed cough near Darcha of Lahaul Valley

HIGH ALTITUDE REGIONAL CENTRE, SOLAN, HIMACHAL PRADESH

A total of 69 species of faunal communities belonging to Insecta, and Pisces were identified during the month. DNA barcoding of 07 specimens of lepidoptera (Butterfly) was carried out. Identification and advisory services were rendered to Govt. PG College, Dharampur, Department of Biosciences, Summer Hill, Shimla.



Landscape of Lahaul Valley

*Aulocera swaha* in Lahaul Valley



Zebbrasoma desjardinii (Bennett, 1836)

MARINE BIOLOGY REGIONAL CENTRE, CHENNAI, TAMIL NADU

A local survey was conducted at the Pulicat Lake and two long term field tours were organized to the Gulf of Kachchh and West Bengal. A total of 43 species of faunal communities belonging to Porifera, Foraminifera, Mollusca, Pisces, Echinodermata, Bryozoa, and Arthropoda were identified during the month. Identification and advisory services were rendered to Institutions and Law-enforcing agencies that requested the services.



School children visting the aquarium

ANDAMAN AND NICOBAR REGIONAL CENTRE, PORT BLAIR

One survey was conducted to North Andaman group of Islands and one local field survey was conducted to South Andaman to study the terrestrial and marine faunal diversity. A total of 81 species of faunal communities belonging to Lepidoptera, Mollusca, Pisces, and Reptilia were identified during this month.



Andaman Mormon *Papilio mayo* Atkinson 1873



Andaman White-breasted Waterhen *Amaurornis phoenicurus insularis* Sharpe 1894



Emerita emeritus (Linnaeus, 1767)

SUNDERBAN REGIONAL CENTRE, CANNING, WEST BENGAL

A total of 95 species of faunal communities belonging to Mollusca, Crustacea, and Pisces were identified during the month. Two crustacean DNA sequence were uploaded and published in NCBI website. One student of Madurai Kamaraj University, Tamil Nadu completed one month internship in the centre. Dr. Andrew Polaszek Principal Researcher, Natural History Museum, London, UK visited the centre.



Albunea symmysta (Linnaeus, 1758)

Ahaetulla oxyrhyncha
(Bell 1825)



FRESHWATER BIOLOGY REGIONAL CENTRE, HYDERABAD, TELANGANA

A total of 99 species of faunal communities belonging to Aquatic Coleoptera, Aquatic Hemiptera, Mollusca, Branchiopoda, Ostracoda, Crab, Pisces, and Amphibia were identified in the month.



Eremopterix griseus (Scopoli, 1786)

WESTERN GHAT REGIONAL CENTRE, KOZHIKODE, KERALA

Two local surveys were conducted to Kadalundi, Malappuram, Kadalundi - Vallikkunnu Community Reserve Malappuram. A total of 136 species of faunal communities belonging to Amoeba, Coleoptera, Dermaptera, Hymenoptera, Hemiptera, Mantodea, Decapoda, Arachnida, Mollusca, and Pisces were identified during the month. One species of Mutillidae, namely, *Spilomutilla eltola* (Cameron, 1898) was described new to Indian fauna from Tamilnadu.



Malabar Trogon *Harpactes fasciatus* (Pennant, 1769)



Spotted deer



Best Videography award in the 'Videography competition on mission LiFE'

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

Two days local survey was conducted at Bahuda estuary. A total of 136 species of faunal communities belonging to different groups were identified in the month. A new species, namely, *Cirrhimuraena odishaensis* Mohanty, Behera, Patro, Mohapatra, 2023 is described on the basis of two specimens collected from Palur Canal, connecting Chilika and Rushikulya estuary and Bichitrapur estuary. Two DNA barcodes belonging to 2 species were uploaded in the NCBI data base. The Centre won the Best Videography award in the 'Videography competition on mission LiFE' on the occasion of the foundation day of ZSI on 1st July 2023 from the Hon'ble Minister of MoEFCC.



Students of Berhampur University during the training Session



Menochilus sexmaculata (Fabricius, 1781)

ARUNACHAL PRADESH REGIONAL CENTRE, ITANAGAR

One day local survey was conducted to Ganga Village of Itanagar WLS. A questionnaire survey was conducted at forest fringe villages of Yordi Rabe Subse WLS and 35 households from 08 villages were interviewed to understand hunting threats and mammal diversity of the sanctuary. A total of 60 species of faunal communities belonging to Hemiptera, Lepidoptera, Orthoptera, Pisces, Amphibia, and Reptilia were identified during the month. A Mission LiFE campaign was organized at Ganga Village, Papum Pare District, Arunachal Pradesh on 20th July 2023.



Latitude: 27.087565
Longitude: 93.59501
Elevation: 289.42±2 m
Accuracy: 3.9 m

Mission LiFE at Ganga Village, Papum Pare

MARINE AQUARIUM AND REGIONAL CENTRE, DIGHA, WEST BENGAL

Local surveys were conducted to Digha and adjacent areas and Champa estuary. A total of 110 species of faunal communities belonging to Polychaete, Mollusca, Nematode, and Pisces were identified during the month. Identification and advisory services rendered to Mahishadal Raj College, Pabitra Biological Research Centre. 51 forest trainee guards from Kharagpur Division, West Bengal Forest Department were guided at the centre. Five educational institutions from West Bengal and Odisha visited the Marine aquarium as a part of educational tour. A total 10 live specimens were released in the aquarium for public view during the month.



Gymnura poecilura (Shaw, 1804)

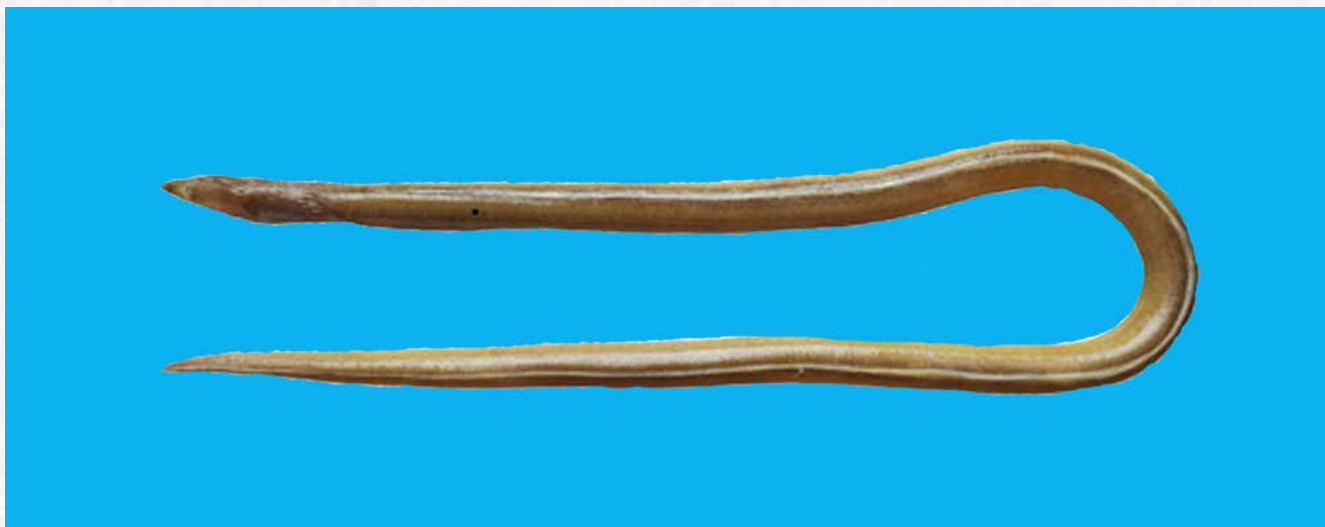


51 forest trainee guards from Kharagpur Division, West Bengal Forest Department in MARC, Digha on 15th July 2023

2023/7/15 12:

NEW DISCOVERIES AND NEW RECORDS

NEW SPECIES



Cirrhimuraena odishensis Mohanty, Behera, Patro, Mohapatra, 2023

NEW RECORDS



Spilomutilla eltola (Cameron, 1898)

Clubiona melanosticta
Thorell, 1890



Oxyopes mirabilis Zhang,
Yang & Zhu, 2005



Oxytate subvirens
(Strand, 1907) female



Oxytate subvirens
(Strand, 1907) male



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ARTICLES

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MEETINGS ATTENDED

1. Dr. C. Raghunathan, Scientist – F, ZSI, HQs., attended the Animal Taxonomy Summit 2023 as organizing secretary and moderated the panel discussion 'Taxonomy – a way forward' during 1st to 3rd July 2023; attended the 3rd meeting of High Powered Committee in the matter of Hon'ble NGT Appeals No.29-32 of 2022 for the project of Great Nicobar Island chaired by Secretary, MoEFCC on 4th July 2023 through VC mode; hold the discussion with Dr. John Jackson, Natural History Museum, London on 4th July 2023 regarding the collaborative works between ZSI and NHM; evaluated the Ph.D. thesis on chaetognaths to Alagappa University and report submitted on 6th July 2023; prepared the schedule of action for the translocation of corals in Galathea Bay in connection with Holistic Development of Great Nicobar Island project and submitted to MoEFCC on 12th July 2023; submitted the Reply for Provisionally Admitted Rajya Sabha Question on 'Impact of Climate Change on Marine Life' with Starred / Unstarred Diary No. S626 due for an answer on 20.07.2023 to MoEFCC on 12th July 2023; attended the meeting at MoEFCC on 12th July 2023 to discuss the pending issues related to capital works in Amaravati and Itanagar; evaluated the Ph.D. thesis entitled, 'Production and characterization of edible chicken egg yolk antibody against White Spot Syndrome Virus Infection in *Litopenaeus vennamei*' for Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu and report submitted on 17th July 2023; replied to the Lok Sabha Starred Question Diary No. 580 dated 18.07.2023 on 'Survey on Extinct/Endangered Wildlife Species due for answer on 24th July 2023 has been submitted to the Ministry on 19th July 2023; replied to the Lok Sabha Starred Question Diary No: 4187

- on Biological Diversity Act, 2002 to be answered on 31st July 2023 submitted to the Ministry on 21st July 2023; provided the comments for Memorandum of Collaboration between the Board of Trustees of the Royal Botanic Gardens, Kew and Tamil Nadu Green Climate Company and submitted to the Ministry on 26th July 2023; attended the Chief Judicial Magistrate court at Port Blair on 31st July 2023 to serve as Witness in the wildlife case.
2. Dr. Gopinathan Maheswaran, Scientist – F, ZSI, HQs., attended a virtual meeting on 18th July 2023 to discuss about the State of India's Birds-2 along with experts from other institutions especially National Biodiversity Authority (NBA) as follow up to the proposed meeting by Nature Conservation Foundation members with DZSI on 28th July 2023 and participated in an online discussion on finalization of State of India's Birds-2 (SoIB-2) along with DZSI and experts from Nature Conservation Foundation (NCF), Mysuru on 28th July 2023.
 3. Dr. V.D. Hegde, Scientist-E & Officer-in-Charge, WGRC, Kozhikode attended the meeting with PCCF and Wildlife warden, Kerala on 20th and 21st July 2023 in connection with the permission for the survey in Kerala state and to keep soft-shelled turtle specimen in the museum.
 4. Dr. C. Sivaperuman, Scientist-E & Officer-in-Charge, ANRC, Port Blair attended the meeting with Hon'ble Vice Chancellor & Prof. Joseph Selvin, Professor, Department of Microbiology, Pondicherry University, Puducherry in connection with the ongoing collaborative research project sponsored by Department of Biotechnology on 4th July 2023, with Executive Director, Tamil Nadu State Science & Technology Centre, Chennai on 6th July 2023 in connection the proposed development of interpretation centre in ANRC, ZSI, attended the meeting of the High-Powered Committee in connection with the proposed developmental activities in Great Nicobar Island under the Chairmanship of the Secretary, MoEF&CC on 4th July 2023 (online), with Director General of Police, A & N Islands on 10th July 2023 and discussed about the proposed study in the remote islands particularly, Narcondam Island, Tilanchang Island etc., attended inaugural function of the Organic Horticulture Farm, South Andaman along with Chief Secretary, A & N Islands on 9th July 2023, attended condemnation committee meeting at Centre for Homeopathy, Ministry of Ayush, Port Blair on 19th July 2023, attended Doctoral committee meeting at Department of Ocean Studies and Marine Biology, Pondicherry University, Port Blair to assess the ongoing research work of Ph.D. Research Scholars on 20th July 2023, attended Central Government Employees Coordination Committee meeting as Secretary on 18th July 2023, attended Capital Work Advisory Committee Meeting on 27th July 2023 at ICMR-RMRC, Port Blair (Online).
 5. Dr. Gaurav Sharma, Scientist-E & Officer-in-Charge, NRC, Dehradun, participated as External Expert Member in the "Project Evaluation Meeting to evaluate the Research Projects for funding by Uttarakhand State Government" organized by The Director, Uttarakhand Science, Education and Research Centre, Dehradun held at the conference hall of USERC, Dehradun on 6th and 7th July 2023.
 6. Dr. Archana Bahuguna, Scientist-E, NRC, Dehradun, attended Board of Studies meeting and RDC Meeting of Saurashtra University Rajkot, as

- external expert of wildlife on 24th July 2023.
7. Dr. Gopal Sharma, Scientist-E & Officer-in-Charge, GPRC, Patna, attended the Hon'ble Parliamentary Official Language Committee inspection meeting at Ranchi from 12th to 17th July 2023 and also attended an online meeting of Nagar Rajbhasha Karyanvayan Samiti on 27th July 2023 organized by Central Coordination Committee, Patna.
 8. Dr. Anil Mohapatra, Scientist-E & Officer-in-Charge, EBRC, Gopalpur-on-Sea, attended Odisha CSR and Environment Conclave- 2023 on 29th July 2023 at Gopalpur-on-Sea and participated in the Panel discussion.
 9. Dr. P.S. Bhatnagar, Scientist-E & Officer-in-Charge, CZRC, Jabalpur, attended review Departmental Promotion Committee meeting at Survey of India, Jabalpur on 14th July 2023, Nagariya Rajbhasha Karyavanvayan Samitee karyalaya kramank-II, Jabalpur meeting on 27th July 2023 and meeting at Survey of India office Jabalpur on 28th July 2023 regarding Recruitment board for Motor driver cum Mechanic.
 10. Dr. Basudev Tripathy, Scientist-E & Officer-in-Charge, and Dr. K.P. Dinesh, Scientist-E, WRC, Pune, visited Sandur Manganese Iron Ores Limited, Sandur, Vijayanagara from 15th to 17th July 2023 to discuss about the Wildlife and Conservation Management Plan for Scheduled Species.
 11. Dr B. Sinha, Scientist- E, attended the G20 Conclave "NATURE SOLVES: A new Framework for our Sustainable Framework" organised by Government of Meghalaya during 6th -7th July 2023 at Shillong, 33rd meeting of the Governing body of the Meghalaya Zoo Project Implementation Society in Shillong on 11th July 2023, acted as an expert on Screening Committee to scrutinise Field Project Associate applications in Meghalaya Biodiversity Board, Shillong on 10th July 2023 and also acted as a member of the Board of interview for selection of Field Project Associates in the Meghalaya Biodiversity Board on 21st July 2023.
 12. Dr. U. Saikia, Scientist - D, NERC, Shillong attended a meeting with the Principal Chief Conservator of Forest (R&T), Govt. of Meghalaya on the 31st July 2023.
 13. Dr. D. Khyntiam, Scientist – D, NERC, Shillong attended the inaugural function of the workshop on Intellectual Property Rights held at St. Anthony's College, Shillong on 26th July 2023.
 14. Dr. Souvik Sen, Scientist-D, ZSI, HQs., attended two meetings with Mr. John Jackson and Dr. Andrew Polaszek of NHM, London on 5th and 6th July 2023 at ZSI, Kolkata to discuss about the future collaborations, implementation of MoU and Darwin Initiative and ZSI-RET committee meeting held on 17th July 2023 at ZSI, Kolkata.
 15. Dr. Tamal Mondal, Scientist-D, ZSI, HQs., attended the Animal Taxonomy Summit 2023 as organizing member during 1st to 3rd July 2023; attended a meeting in presence of DZSI & Dr. C. Raghunathan, Sci.-F for the discussion on the collaboration to NHM, London under the provision of MoU between ZSI & NHM with Mr. John Jackson, Head of Science Policy & Communication, Science Directorate, Natural History Museum, London, UK during his visit on 4th July 2023; attended a meeting with the officials of Audit Team on 19th July 2023 for the discussion on the audit memos and replies at ZSI; sixth meeting of Biodiversity Sectional Committee,

SSD 20 focusing on identification of specific subjects for standardization under Bureau of Indian Standard, ISO on 24th July 2023; a virtual meeting with the officials of CMLRE and NIOT under the chairmanship of Dr. S. Balasubramanian, VC, Chettinad University on 5th July 2023 related to the deep-sea project on corals.

16. Ms Debashree Dam, Scientist-B, ZSI, HQs., was part of team of Hindi Inspection Team from ZSI for Parliamentary Committee Meeting at Ranchi on 15th July 2023, participated in a program on “Lecture Series on Ecology and environment” at Vivekananda College, Kolkata on 20th July 2023, G20 and Women Empowerment at ICCR, Kolkata on 30th July 2023, organised by All India Radio, Prasar Bharati
17. Mr. Naresh, Senior Zoological Assistant, FBRC Hyderabad attended Tolic Meeting on 7th July 2023.

TRAININGS ORGANIZED

1. 108th ZSI & Animal Taxonomy Summit 2023 (ATS 2023) was organized by Zoological Survey of India. All the scientists of headquarters and staff (upto Junior Zoological Assistants, Officers-in-Charge of Regional Centres along with one senior scientists, and more than 400 participants across the country from 70 institutions attended the ATS 2023.
2. EBRC, Gopalpur-on-Sea, conducted Hands-on training on ‘Marine Invertebrate’ for the second-year students of PG Department of Marine Sciences, Berhampur University on 10th July 2023.
3. Two students from Kalahandi University, Odisha got trained on the DNA barcoding for 5 days in EBRC, Gopalpur-on-Sea.
4. Two training programmes were organized by Apterygota section on taxonomy

entitled ‘Hands-on training on Apterygota taxonomy with special focus on Collembola’ for a student of University of Calcutta from 23rd June 2023 to 7th July 2023 and ‘Hands-on training programme on collection, preservation & identification of soil micro-arthropods with special reference on Collembola’ for students of Dinabandhu Andrews College, University of Calcutta from 18th to 20th July 2023.

5. Dr. Kaomud Tyagi, Scientist – D, ZSI, HQs., provided training to M.Sc. student from Dr. Bhimrao Ambedkar University, Agra, Uttar Pradesh and to PhD student from University of Agricultural Sciences, G B Pant Agri. Univ. Pantnagar.
6. Dr. Vikas Kumar, Scientist – E, ZSI, HQs., provided training to M.Sc. student from Revenshaw University, Odisha.

TRAININGS ATTENDED

1. Dr. J. S. Yogesh Kumar, Scientist-E & Officer-in-Charge, SbRC, Canning, participated in five days training and workshop entitled “Octocoral Taxonomy and Phylogeny” from 23rd to 27th July 2023 through Zoom live at 11.30 am to 8.30 pm (India time). The full day training program was organized by H. Benayahu, Tel Aviv University, Israel; C.S. McFadden, Harvey Mudd College, CA, USA; A. Quattrini, National Museum of Natural History (Smithsonian Inst.), USA.
2. Officers and staff of CZRC, ZSI, Jabalpur participated in Training (Virtual) by Central Hindi Training Institute, Rajyabhasha department, Ministry of Home, Govt of India.
3. भारतीय प्राणी सर्वेक्षण/ मुख्यालय अनुभागों के सभी प्रभारी अधिकारी और वरिष्ठ एवं कनिष्ठ प्रशासनिक कर्मचारी ने एनांडेल हॉल में आयोजित एक हिंदी कार्यशाला में दिनांक 27/07/2023 भाग लिया ।

LECTURES DELIVERED

1. Dr. C. Sivaperuman, Scientist-E & Officer-in-Charge, ANRC, Port Blair, delivered a talk on Island Biodiversity and Conservation: A & N Islands at Department of Zoology, Loyola College, Chennai on 6th July 2023, and at Jawahar Navodaya Vidyalaya, Panchavati, Rangat, Middle Andaman on 29th July 2023.
2. Dr. Gaurav Sharma, Scientist-E & Officer-in-Charge, NRC, Dehradun, delivered lecture on topic entitled “Status of Faunal Diversity and their Conservation in India” to 68 B.Sc., M.Sc. students of Forestry and Zoology participants from different Institutions of Dehradun i.e. Forest Research Institute (Deemed University), Uttaranchal University, Dolphin Institute, Dev Bhoomi University in the conference hall of Zoological Survey of India, Northern Regional Centre, Dehradun on 28th July 2023.
3. Dr. Gopal Sharma, Scientist-E & Officer-in-Charge, GPRC, Patna, delivered an online lecture on the topic of “Biodiversity: Threats and Conservation” on 19th July 2023 organized by the Department of Zoology (Human Resource Development) Ranchi University, Ranchi, Jharkhand.
4. Dr. Basudev Tripathy, Scientist-E & Officer-in-Charge, WRC, Pune, delivered a lecture to the RFOs from the Kundal Forest Academy at WRC, Pune on 21st July 2023.
5. Shri Rajendar Kumar, Assistant Zoologist, MBRC, Chennai delivered a lecture, ‘Identification of Marine Wildlife’ and served as a resource person in the Training programme for Forest Rangers of Tamil Nadu at the Advanced Institute for Wildlife Conservation (Research, Training and Education), Vandalur, Chennai on the 13th and 14th July 2023.
6. SDr Devanshu Gupta, Scientist-D, ZSI, HQs., delivered a lecture on “Beetles in the Himalayas: Taxonomic Diversity, Geographical Distribution and Prospects”, at the International Firefly Webinar, organized by Environmental Management and Policy Research Institute (EMPRI), Bangalore in collaboration with IUCN SSC Firefly Specialist Group and Firefly Asia-Pacific Network on 21st July 2023.

PHOTO GALLERY

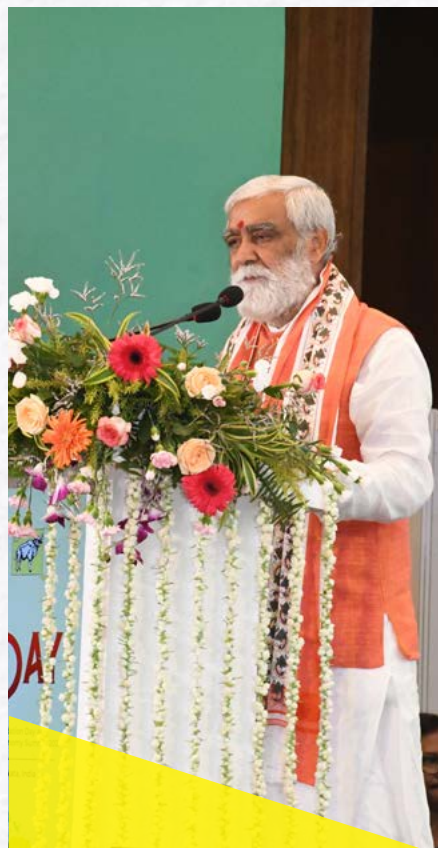




108th ZSI Foundation Day Celebration and Inauguration of Animal Taxonomy Summit on 1st July, 2023 in the presence of Hon'ble Minister MoEFCC Shri Bhupendra Yadav and Hon'ble Minister of State, MoEFCC Shri Ashwini Kumar Choubey.



Signing of MoU between ZSI & the Royal Govt. of Bhutan



Speech by Hon'ble Minister MoEFCC, Shri Bhupendra Yadav and Hon'ble Minister of State, MoEFCC Shri Ashwini Kumar Choubey.

Speech by Dr. Dhriti Banerjee, Director, ZSI



ZSI Foundation Day Book Release on 1st July, 2023



Mission LiFE programme on
108th Foundation Day of ZSI





Glimpses of Animal Taxonomy Summit



Glimpses of Animal Taxonomy Summit



Glimpses of Animal Taxonomy Summit



Glimpses of Animal Taxonomy Summit





Dr. Dhriti Banerjee, Director, ZSI invited as Chief Guest to Vivekananda College, Thakurpukur, Kolkata on 20th July 2023 for a lecture series program on Ecology and Environment and Inaugurated the Elective Paper Laboratories - Resource Ecology and Environmentally Biology & Toxicology Laboratories of P.G. Dept. of Zoology, Vivekananda College, Kolkata.



Dr. Dhriti Banerjee, Director, ZSI was part of a discussion in the DD Bangla programme "Vigyan Prasangye: A Scientific Discussion on Biodiversity" aired on 24th & 29th July 2023.



A sectional training programme on taxonomy training programme on collection, preservation of arthropods with special reference on Collembola of Dinabandhu Andrews College, University of



entitled 'Hands-on
on & identification of soil micro-
bota' was imparted to twenty (20) students
of Calcutta from 18th to 20th July 2023.



Farewell ceremony for Smt. Asha Soren from Soil Zoology Section, ZSI, Kolkata.

