Journal of Science

VOLUME 2, ISSUE 2, JUNE 2025



Journal of Wildlife Science



Editors

Editor-in-Chief

Mewa Singh University of Mysore, Mysuru, India

Managing Editor

Bilal Habib Wildlife Institute of India, Dehradun, India.

Associate Managing Editor

Vishnupriya Kolipakam Wildlife Institute of India, Dehradun, India.

Academic Editors

A. B. Srivastava (Former) Nanaji Deshmukh Veterinary Science University, Jabalpur, India.

Aashna Sharma University of Washington, Seattle, Washington, USA.

Abhijit Das Wildlife Institute of India, Dehradun, India.

Advait Edgaonkar Indian Institute of Forest Management, Bhopal, Madhya Pradesh.

Ajay Gaur Centre for Cellular & Molecular Biology, Hyderabad, India.

Akanksha Saxena Wildlife Institute of India, Dehradun, India.

Aleksandr Semjonov Clinical operations, Estonian University of Life Sciences.

Amit Kumar Wildlife Institute of India, Dehradun, India.

Amiya Kumar Sahoo ICAR-Central Inland Fisheries Research Institute, Kolkata, India.

Anand Krishnan Jawaharlal Nehru Centre for Advanced Scientific Research.

Anuradha Bhat Indian Institute of Science Education and Research, Kolkata, India,

Ashish David Indian Institute of Forest Management, Bhopal, India.

Ashish Jha Wildlife Institute of India, Dehradun, India.

Bitapi C. Sinha (Former) Wildlife Institute of India, Dehradun, India.

Bivash Pandav Wildlife Institute of India, Dehradun, India.

Chandra Prakash Kala Indian Institute of Forest Management, Bhopal, Madhya Pradesh.

Cobus Raath Wildlife Pharmaceuticals, South Africa.

Diwakar Sharma The World Bank & United Nations Development Programme, India.

G. Umapathy Centre for Cellular and Molecular Biology, Hyderabad, India.

Gautam Talukdar Wildlife Institute of India, Dehradun, India.

Gopi G.V. Wildlife Institute of India, Dehradun, India.

H. N. Kumara Salim Ali Centre for Ornithology and Natural History, Coimbatore, India.

H.V. Girisha Wildlife Crime Control Bureau (WCCB), New Delhi, India.

Himender Bharti Punjabi University, Patiala.

Indranil Mondal AI Dash, Bengaluru, India.

J.A. Johnson Wildlife Institute of India, Dehradun, India.

K. Sivakumar Pondicherry University, Pondicherry, India.

Kristy Deiner ETH Zürich Universitätstrasse 16, 8092 Zürich, Switzerland.

Manjari Jain Behavioural Ecology Department of Biological Sciences, IISER Mohali.

Manoj Nair Forest Department, Government of Odisha, Bhubaneshwar, India.

Navendu Page Thackeray Wildlife Foundation, Mumbai, India.

Nishant Kumar National Centre for Biological Sciences, TIFR, Bengaluru & THINKPAWS.

P. K. Malik (Former) Wildlife Institute of India, Dehradun, India.

P. Pramod Salim Ali Centre for Ornithology and Natural History, Coimbatore, India.

P. R. Arun Salim Ali Centre for Ornithology and Natural History, Coimbatore, India.

Parag Nigam Wildlife Institute of India, Dehradun, India.

Punyasloke Bhadury Indian Institute of Science Education and Research, Kolkata, India.

Qamar Qureshi (Former) Wildlife Institute of India, Dehradun, India.

R. J. Ranjit Daniels Care Earth Trust, Chennai, India.

R. Suresh Kumar Wildlife Institute of India, Dehradun, India.

Rajapandian Kangaraj Kasetsart University, Bangkok.

Ruchi Badola Wildlife Institute of India, Dehradun, India.

S.A. Hussain Wildlife Institute of India, Dehradun, India,

S. K. Gupta Wildlife Institute of India, Dehradun, India.

S. Sathyakumar (Former) Wildlife Institute of India, Dehradun, India.

Samrat Mondol Wildlife Institute of India, Dehradun, India.

Shomita Mukherjee Salim Ali Centre for Ornithology & Natural History, Coimbatore, India.

Sumit Dookia Guru Gobind Singh Indraprastha University, Delhi, India.

Surendra P. Goyal Wildlife Institute of India, Dehradun, India.

Sushma Reddy Bell Museum of Natural History, University of Minnesota.

Sutirtha Dutta Wildlife Institute of India, Dehradun, India.

Tapajit Bhattacharya Durgapur Government College, Paschim Bardhaman, India.

Uma Ramakrishnan National Centre for Biological Sciences, TIFR, Bengaluru.

V. B. Mathur Warner College of Natural Resources, USA.

Vidyadhar Atkore Salim Ali Centre for Ornithology and Natural History, Coimbatore, India.

Werner Kaumanns German Primate Center and Curator of Primates, Cologne Zoo, Germany.

Yogesh Dubey Indian Institute of Forest Management, Bhopal, India.

Advisory Board

Secretary Director General of Forests & Add. Director General of Forests Sh.Virendra Tiwari Dr. Ruchi Badola (Wildlife)

Special Secretary Ministry of Environment, Forest & Climate Change, Govt. of India Ministry of Environment, Forest & Ministry of Environment, Forest & Climate Change, Govt. of India Climate Change, Govt. of India

Director, Wildlife Institute of India Dean, Wildlife Institute of India

Editorial Staff

Shivam Shrotriya, Assistant Managing Editor Kashish Sherdia, Typesetter Hanok Stephen, Website Designer

Published By: Wildlife Institute of India https://wii.gov.in/ Published On: 18 June 2025

Publisher's disclaimer: The Publisher, Journal of Wildlife Science (JWLS) or Editors cannot be held responsible for any errors or consequences arising from the use of the information contained in this journal. All claims expressed in articles published in JWLS are solely those of the authors and do not necessarily represent those of their affiliated organisations or those of the publisher, the editors and the reviewers. Any product that may be evaluated or used in the research published in JWLS or claim made by its manufacturer is not guaranteed or endorsed by the publisher.

Open Access and Copyright: All articles published by JWLS are fully open access, meaning they are immediately and freely available to read, download, and share. All articles are published under the terms of a Creative Commons license (CC BY 4.0@①), allowing for unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited. Copyright for any research article published by JWLS is retained by the author(s).

Contact Information: For inquiries regarding submissions, editorial policies, or other matters related to JWLS, please contact: Journal of Wildlife Science, Wildlife Institute of India, PO Box # 18, Chandrabani, Dehradun – 248001 INDIA

Email: info@jwls.in

ISSN (Online): 3048-7803 DOI (Volume 2, Issue 2): https://doi.org/10.63033/JWLS.WZIZ3550

Cover Image: Red-headed bunting (Emberiza bruniceps) and Black-headed bunting (Emberiza melanocephala) are long-distance migratory passerines overwintering in India. ©Shantanu Kuveskar.

About the Journal

The Journal of Wildlife Science (JWLS) is dedicated to advancing wildlife science and conservation through rigorous, evidence-based research across taxa and ecosystems. The journal operates on a diamond openaccess model, meaning neither authors nor readers incur fees for accessing or publishing in JWLS. In a departure from the traditional pay-to-publish or payto-read models, our mission is to foster open and free access to high-quality, peer-reviewed interdisciplinary research in wildlife science, conservation, and management. We provide an inclusive, author-friendly welcoming original articles, platform commentaries, policy briefs, and novel paper types like Methods Papers, Natural History Notes, and Academic Practices in Wildlife Science. Our unique peer review approach emphasises constructive mentorship between authors and reviewers to elevate quality while fostering a collaborative research community.

JWLS is a quarterly publication with an online-first feature (publishing online as soon as the article is accepted). Therefore, the authors can submit their latest findings, insights, and perspectives for publishing in JWLS at any time.

Aim and Scope

The journal does not categorise research based on taxonomic groups, allowing authors working on any wildlife taxa, ecological communities, or ecosystems to submit their work under a relevant theme. https://jwls.in/author-guidelines.

Submission Guidelines

Authors interested in submitting their work to JWLS are encouraged to review the updated submission guidelines at https://jwls.in/author-guidelines.

Manuscripts should be submitted online through our submission system (https://www.editorialmanager.com/jwls/), and all submissions will undergo rigorous peer review.



Content

Commentary

ı.	Arrival, rise, fall, and again rise of the Asiatic lion Panthera leo leo in India Hari Shanker Singh	37
Re	eview Article	
2.	Annual migration: Strategy for twice-a-year long-distance travel in obligate latitudinal nocturnal avian migrants Vatsala Tripathi, Sanjay Kumar Bhardwaj & Vinod Kumar	46
Re	esearch Article	
3.	Living on the Edge: Assessing spatio-temporal dynamics of Human-Elephant Interactions in Udalguri, Assam Richard Sangma, Arif Ahmad, Ramesh K. Pandey, Dheeraj Mittal, Aju Mathew George, Deepankar Barman, Rishi Basumatary, Parag Nigam, Bilal Habib & Anukul Nath	53
N	atural History Notes	
4.	First photographic evidence of Indo-Pacific Humpback Dolphin (Sousa chinensis Osbeck, 1765) from the tidal river Rupnarayan, in Bardhhman district, West Bengal, India	
	Dona George, Gargi Roy Chowdhury, Kanad Roy, Pranay Bhatnagar, Shovana Ray, Qamar Qureshi & Vishnupriya Kolipakam	62
5.	First record of a clouded leopard predating on a Bengal slow loris Rameshwar Ghade, Azam Khan, Tribhuwan Singh, Daniel Miranda, Govindhan Veeraswami Gopi & Bilal Habib	66
6.	First report of albino rhesus macaque Macaca mulatta (Zimmerman, 1780) from Barak Valley, Assam Bishal Sonar, Biswajit Singh, Nazimur Rahman Talukdar & Parthankar Choudhury	68

JWLS JOURNAL OF WILDLIFE SCIENCE

Interdisciplinary Journal of Wildlife Research, Conservation and Management

Contact Information:

Journal of Wildlife Science Wildlife Institute of India, PO Box # 18, Chandrabani, Dehradun – 248001 INDIA Email: info@jwls.in

https://jwls.in







