

Awarlin Chetia

AHOM GAON, GUWAHATI

(+91) 7629951153 • AWARLINCHETIA26@GMAIL.COM

EDUCATION

PhD **2023**

Rajiv Gandhi University, Arunachal Pradesh – 791112, India

Thesis Supervisor: Prof. Debangshu Narayan Das

Title of the thesis: 'Freshwater Crabs in Foot Hill Areas of Lower Subansiri Basin with Special Emphasis on Eco-Biology of a Species of River Crab'.

M.Sc. in Zoology **2015**

Gauhati University, Assam

B.Sc. **2013**

Debraj Roy College (under Dibrugarh University)

Higher Secondary **2010**

Sarupathar Higher Secondary School, Assam Higher Secondary Education Council

HSLC **2007**

Bokajan Higher Secondary School, Board of Secondary Education

HONORS AND AWARDS

Qualified SLET 17th February **2021**

RESEARCH EXPERIENCE

Doctoral Researcher **2016-2023**

Department of Zoology, Rajiv Gandhi University, Arunachal Pradesh

- Conducted freshwater crab diversity study in Foot Hill Areas of Lower Subansiri Basin
- Conducted physiochemical analysis of soil and water, feeding ecology and reproductive biology of crabs.

PUBLICATIONS

List of published papers

- Chetia, A., Tripathy, A., Borbora, D., & Das, D. N. (2022) Diversity of freshwater crabs (Crustacea: Decapoda: Brachyura) in the Subansiri River Basin of Arunachal Pradesh and Assam, northeast India. *Journal of Applied and Natural Science*; 14 (3).
- Chetia, A., Mitra, S., & Das, D. N. (2021). Redescription of *Sartoriana trilobata* (Alcock, 1909) (Crustacea: Decapoda: Brachyura: Gecarcinucidae) from Assam, Northeast India, with notes on the morphology of male gonopods. *Zootaxa*, 5026 (1): 136–144.

- Chetia, A., Mitra, S., & Das, D. N. (2020). Morphotaxonomic review for conserving *Liotelphusa Laevis* (Wood-Mason, 1871) (Decapoda: Brachyura: Gecarcinucidae), a near threatened freshwater crab from North East India. *Journal of Scientific Research*; 64 (1).
- Chetia, A., Mitra, S., & Das, D. N. (2019). A taxonomic appraisal of *Lobothelphusa Woodmasoni* (Rathbun, 1905) (Decapoda, Brachyura: Potamidae: Potaminae) from northeastern India. *Uttar Pradesh Journal of Zoology*; 39 (4): 177–183.
- Chattopadhyay, N. R., Chetia, A., Machahary, K. Q., & Dupak, O. (2018). Assessment of conservation measures for Olive Ridley Sea turtle (*Lepidochelys olivacea*) along Rushikulya Rookery, Ganjam District, Odisha, India. *International Journal of Marine Biology and Research*, 3 (1): 1–9.
- Chutia, P., Chetia, A., & Bora, S. (2014). Indigenous system of rice beer preparation by Ahom, Bodo, Karbi and Mishing tribes of Golaghat and Karbi Anglong District, Assam. *Journal of Frontline Research*, 2: 42–53.

List of published book chapters

- Chetia, A., Kachari, A., Borbora D. & Das, D. N. (2023). Feeding Ecology of the Freshwater Crab *Sartoriana trilobata*: Insights into Gut Contents and Feeding Habits. In: Recent Trends in Life Sciences, Boruah, S., Bhuyan, G, Pegu, B. K (Eds), (ISBN Number: 978-93-95794-04-6).
- Chetia, A., Machahary, K. Q., Pegu, T., Borbora, D., & Das, D. N. (2021). Assessment of the population structure, sex ratio and growth of a data-deficient freshwater crab, *Sartoriana trilobata* (Alcock, 1909), from the Ranganadi River of Northeast India. *Spectrum*, Vol. 02, No. –1. ISBN: 978-93-90468-71-3
- Chetia, A., & Das, D. N. (2018). Enumeration of freshwater crab and aquatic fauna in Ranganadi River Basin, Assam. *Research Trends on Fish & Fisheries in Mountain Water of Eastern Himalayan Region*, 95–103p. eISBN 978-1-64546-843-1

CONFERENCE PRESENTATIONS

List of poster presentations

- Poster title: “Preliminary study on taxonomical status and habitat of three freshwater crabs identified from Ranganadi River Basin (Assam)” in National Conference on Research Trends in Zoological Research in North-East India, organized by Department of Zoology, North-Eastern Hill University, Shillong–793022; Zoological Society (Kolkata), on 19-20/04/2018.
- Poster title: “Comparative study on spider diversity in different forest habitat types in Guwahati metro” in Student Conference on Conservation Science–Bengaluru 2015, organized by Student Conference on Conservation Science-Bengaluru 2015; ANCF; FES;

Indian Institute of Science; Madras Crocodile Bank Trust, Centre for Herpetology; NCBS, on 8-11/09/2015.

List of paper presentations

- Paper title: “Assessment of the population structure, sex ratio and growth of a data deficient freshwater crab, *Sartoriana trilobata* (Alcock, 1909) from the Ranganadi River of Northeast India” in International Conference on New Frontiers in Engineering, Science, Law, Management, Humanities and Social Science 2020, organized by INFES 2020, India, on 22–23/02/2020.
- Paper title: “A review on economic importance and length-weight relationship of freshwater crab, *Maydelliathelphusa lugubris* (Wood-Mason, 1871) from Arunachal Pradesh” in Act East through North East: India’s Way to a New Era of Diplomacy, hosted by Dera Natung Government College on 15–16/11/2018.
- Paper title: “Freshwater crab in Lower Subansiri Basin” in National Seminar on Integrated Approach in Zoological Research & Biennial Conference of Zoological Society of Assam, hosted by Department of Zoology, Gauhati University, Assam, India on 30–31/3/2017.

List of workshops attended

- ‘*Prospects, potentials and diversification opportunities of culture system in beel fisheries sector of North East India*’, organized by Aquaculture & Biodiversity Centre, Department of Zoology, Gauhati University, Guwahati-781014 on 27–28/10/2014.
- ‘*One Day Workshop on Writing Skill*’, organized by Gauhati University Wing for International relationship and GU Alumni Association in collaboration With GU Institute of Science & Technology, on 12/08/2016.
- ‘*Capacity building in grant writing skills and effective management of intellectual property rights (IPR) in biotechnology by universities and research institutions in the northeast region*’, organized by Biotech Consortium India Limited (BCIL), New Delhi, on 28–30/09/2016.
- ‘*Workshop on phylogeny*’, organized by the Department of Zoology, University of Science & Technology, Meghalaya, and Aaranyak, on 30–1/02/2017.
- ‘*North east workshop on modern ecological and agricultural practices with statistical methodologies and R software-2018*’, organized by the agricultural and Ecological Research Unit, Indian Statistical Institute, Kolkata, and Department of Zoology, Rajiv Gandhi University, Itanagar, Arunachal Pradesh on 26–27/02/2018.
- ‘*Advanced molecular biotechnology*’, organized by Advanced Level Institutional Biotech Hub, Department of Biotechnology, Gauhati University on 19–25/11/2018.

- *'One-day awareness workshop on intellectual property right (IPR)'* organized by Patent Information Centre under Arunachal Pradesh State Council for Science & Technology (Department of Science and Technology) on 26/04/2019.
- *'Workshop on computational biology'*, organized by Bioinformatics Centre, Faculty of Life Sciences, Rajiv Gandhi University, Doimukh on 07/02/2020.
- *'Freshwater pearl culture'*, organized by ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar, on 03/03/2021.
- *'One-day skill development training in ornamental fish breeding and awareness on pearl culture'*, organized by ICAR– Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 on 16/12/2021.

Other research activities

- Worked as a team member on *'Save the Phantom', an initiative to human leopard conflict outside protected area'*, Supported by the Wildlife Trust of India (WTI), and David Shepherd Wildlife Foundation (DSWF) under Rapid Action Program (RAP), on 29/02/2015-31/03/2016.