



**Dr. Damanbha Lyngdoh,
Assistant Professor, Zoology Department**

ACADEMIC QUALIFICATIONS: MSc (Zoology), Ph.D.

PhD:

“Studies on the phylogeny and phylogeography of *Fasciola* species (Platyhelminthes: Trematoda: Fasciolidae) prevalent in mammalian livestock in Northeast India”, North Eastern Hill University

Research Interest: Animal Biodiversity, Parasitology, Molecular Taxonomy

OTHER QUALIFICATIONS: UGC-CSIR NET

AWARDS:

- a. Awarded the Prof. R. K. Bhattacharjee Award for the highest mark secured in the undergraduate Zoology Honours programme by St. Anthony's College, Shillong, Meghalaya, India in 2006.
- b. Awarded the Rajendra Kumar Sunheri Devi Jain Endowment Award (Book Grant) at the XVIth Convocation of North-Eastern Hill University (NEHU) by the department of Zoology, NEHU in 2006, for highest mark secured in the undergraduate Zoology Honours programme.
- c. First position at the post-graduate MSc Seminar Competition organized by the department of Zoology, North-Eastern Hill University in 2008.
- d. National Academy of Sciences, India - NASI Swarna Jayanti Puraskar, for best Oral Paper Presentation in Biological Sciences at the 85th Annual Session of the Academy held at KIIT University, Bhubaneshwar, Orissa, India on December 2015.
- e. Won the Best Film at the First International Parasite Film Festival at the XII European Multicolloquium of Parasitology, Turku University, Turku, Finland, July 2016, awarded by the Jury.
- f. Conferred the Sudev Bhusan Ghosh Young Scientist Award for 2015-16 by the Zoological Society of India, Kolkata on the 29th July, 2016 for scientific contribution on the "Phylogeography of the

common liver-fluke *Fasciola* spp (Platyhelminthes:Trematoda: Fasciolidae) using nuclear and mitochondrial gene markers: Clues from Northeast India"

- g. Won the Euraxess Science slam 2016 organized by the Euraxess India (Euraxess worldwide) at Birla Science Centre in association with BITS Pilani, India Bioscience and Nuffic Neso India-Study in Holland and Finnair, and will be representing India at the European research area at Brussels, Belgium.
- h. Conferred the Young Scientist Award for 2016-17 by The Indian Society for Parasitology, for best research paper presented at the Annual Congress of the Society at National Institute of Mental Health & Neuro Sciences (NIMHANS), Bangalore, Karnataka, India on the 27th April, 2017.
- i. Awarded the Euraxess India Ambassador at the European Research Day on 28th September 2018 organized by Euraxess India at the Embassy of the Republic of Poland.

PROJECTS (2014-2018):

Ongoing:

1. "Studies on the plankton community of water bodies of East Khasi Hills District of Meghalaya", Funding – DBT, GOI.
2. "Multigene Molecular characterization of Lymnaeid snail species associated with Fascioliasis in Meghalaya, Northeast India", Funding – DST-SERB

PUBLICATIONS (2014-2018):

1. Lyngdoh D, Sharma S, Roy B, and Tandon V (2016) Animal Fascioliasis: Perspective from high altitude regions. *Veterinary Parasitology* 232:21-31
2. Sharma S, Lyngdoh D, Roy B, and Tandon V (2016) Molecular phylogeny of Cyclophyllidea (Cestoda:Eucestoda): an in-silico analysis based on mtCOI gene. *Parasitology Research* 115:3329-35
3. Sharma S, Lyngdoh D, Roy B, and Tandon V (2016) Differential diagnosis and molecular characterization of *Hymenolepis nana* and *Hymenolepis diminuta* (Cestoda: Cyclophyllidea: Hymenolepididae) based on nuclear rDNA ITS2 gene marker. *Parasitology Research*, 115:4293-98

SEMINARS AND WORKSHOPS ATTENDED (2014-2018):

1. Participated in the Hands-on Training on "Techniques in Biotechnological Research", Dept. of Zoology, NEHU, Shillong, Feb 25-March 8, 2014.
2. Participated in the IXth UGC-Networking Resource Centre Workshop in "Basic Modern Biology and Recombinant DNA techniques", 5-31 May, 2014, IISc, Bangalore.
3. Participated in the Workshop on "Molecular Phylogenetics", Centre for Ecological Science, Indian Institute of Science (IISc), Bangalore, 1-5 August, 2014.
4. Participated in the Faculty Development Programme 2014 on "Research Capability Enhancement" organized by Research Cell, St. Anthony's College on 23rd August, 2014.
5. Participated at the 85th Annual Session of the National Academy of Sciences, India, KIIT University,

- Bhubaneswar, 6-8 December, 2015 organised by National Academy of Sciences, India (NASI).
6. Participated at the 26th National Congress of Parasitology on 21-23 January, 2016 organized by Department of Biochemistry, Banaras Hindu University, Varanasi and Indian Society for Parasitology.
 7. Participated in the National Training Workshop on “Fauna of Hotspots3 - Eastern Himalayas”, ZSI, Shillong, 17-21 March, 2016 organised by ZSI.
 8. Participated at the Symposium on “Faunal Diversity and Ecophysiology”, Dept. of Zoology, Shillong, 30th March, 2016 organised by the department of Zoology, NEHU.
 9. Participated at the XII European Multicolloquium of Parasitology, Turku University, Turku, Finland, July 2016 organised by the European Federation of Parasitologists and the Scandinavian Baltic Society for Parasitologist.
 10. Participated at the 70th Annual General meeting of the Zoological Society of India, Calcutta University, Calcutta 29th July, 2016, organized by the Zoological Society of India.
 11. Participated in the Science Communication Training at IISc Bangalore on 22.10.2016 organised by Euraxess India and IISc.
 12. Participated and competed in the Euraxess Science Slam at Birla Science Centre on 18.11.2016, organized by Euraxess India, BITS Pilani, India Bioscience and Nuffic Neso India-Study in Holland and Finnair.
 13. Participated at the Young Ecologists Talk and Interact (YETI), 2017 at Tezpur University, Assam from 4-7th January, 2017, organized by Young Ecologists Talk and Interact.
 14. Participated at the 27th National Congress of Parasitology, National Institute of Mental Health & Neuro Sciences (NIMHANS), Bangalore, Karnataka, India, 27th April, 2017, organized by the Indian Society for Parasitology and NIMHANS.
 15. Participated at the “Workshop on Preparation of Research Project Proposal” on 15.11.2017 at North Eastern Institute of Ayurveda and Homeopathy (NEIAH), organized by National Academy of Sciences, India North Eastern Region Chapter (NASI-NER) and NEIAH.
 16. Participated at the XIV International Congress of Parasitology (XIV ICOPA), Daegu, South Korea from 19-24th August, 2018 organized by the World Federation of Parasitologists and Korean Society for Parasitology and Tropical Medicine.
 17. Participated at the Faculty Development Program, at St. Anthony’s College, 20th April, 2018 organized by IQAC, St. Anthony’s College.
 18. Participated at the European Research Day 2018 on 28.09.2018 at the Embassy of the Republic of Poland organised by Euraxess, India.

PRESENTATIONS IN SEMINARS, WORKSHOPS, CONFERENCES AND OTHERS (2014-2018):

1. Oral paper presentation at the 85th Annual Session of the National Academy of Sciences, India, KIIT University, Bhubaneswar, 6-8 December, 2015 organised by National Academy of Sciences, India (NASI).

2. Oral paper presentation at the 26th National Congress of Parasitology on 21-23 January, 2016 organized by Department of Biochemistry, Banaras Hindu University, Varanasi and Indian Society for Parasitology.
3. Oral paper presentation at the Symposium on “Faunal Diversity and Eco-physiology”, Dept. of Zoology, Shillong, 30th March, 2016 organised by the department of Zoology, NEHU.
4. Oral paper presentation at the XII European Multicolloquium of Parasitology, Turku University, Turku, Finland, July 2016 organised by the European Federation of Parasitologists and the Scandinavian Baltic Society for Parasitologist.
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WORKSHOPS, SEMINARS AND OTHERS ORGANISED AND CO-ORDINATED (2014-2018):

- Organizing Secretary of the “National Workshop in Molecular Phylogenetics and its Application” from 25-28th October 2017 - Funded by DST-SERB.
- Teacher In-charge of Anthonian Youth Club from 2011-2014
- Member of the Editorial Board for the Journal “Spectrum: Science & Technology” published by the Research Cell, St. Anthony’s College, Shillong, since 2017.

INVITED TALKS (2014-2018):

1. “Making Research Interesting -Science Slams” organized on the National Science Day by Research Scholars Forum, NEHU at NEHU on 28.02.2017.
2. “Euraxess Science Slam, Euraxess Info sessions” organized by Research Scholars Forum, NEHU at NEHU on 08.09.2017
3. "Do not judge a book by its cover" - lessons from the liver-fluke species” at Sir Neil Chalmers Seminar Room, organized by the Department Of Life science, Natural History Museum, London, England, on 19. 06. 2017.