

## Dr. Khirod Sankar Das, Ph.D.

Assistant Professor

Department of Zoology

Bhawanipur Anchalik College

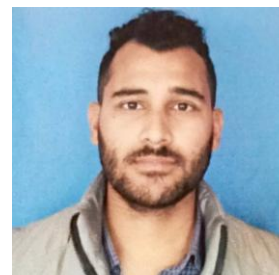
Bhawaipur, Barpeta, Assam-781352

Email- [khirodsankar@gmail.com](mailto:khirodsankar@gmail.com)

Mobile-9957941415, 9436338638

ORCID ID- <https://orcid.org/0000-0002-5567-6492>

<https://www.researchgate.net/profile/Khirod-Das/research>



### PERSONAL DETAILS

Date of Birth : 01-01-1991

Gender : Male

Father's Name : Mr. Dilip Das

Mother's Name : Mrs. Deba Das

Nationality : Indian

Caste : Scheduled Caste

Permanent address : S/O- Dilip Das, Vill.-Dowar Par, P.O.- Nara Gaon,

P.S.- Panigaon, Pin-787052, Dist.- Lakhimpur, Assam, India

### EDUCATION

**2023** : **Ph.D. in Zoology**; North-Eastern Hill University, Shillong-793022, Meghalaya; Thesis Title: 'Studies on Diversity and Distribution of termite fauna in different land-use types of Meghalaya'.

Supervisor: Dr. Sudipta Choudhury.

**2014** : **M.Sc. in Zoology**; Cotton College; Gauhati University, Assam.

Dissertation Title: 'Oxygen and thermal profile of Digholi Pukhuri lake, Guwahati, Assam'.

Supervisor: Dr. Rashadul Islam.

**2012** : **B.Sc. in Zoology (Major)**; North Lakhimpur College; Dibrugarh University, Assam.

Dissertation Title: 'Physico- Chemical parameters of Satajan Wetland, Lakhimpur, Assam'.

Supervisor: Dr. Lakhi Prasad Hazarika.

**2009** : **HSSLC (Science)**; Panigaon H.S. School; Assam Higher Secondary Education Board, Assam.

**2007** : **HSLC**; S.T.K. High School; Secondary Education Board of Assam.

### RESEARCH INTERESTS

Ecology, Bio-Diversity, Sensory structures of Insects and Taxonomy (Isoptera)

### PUBLICATIONS

#### Research Articles-

1. Das, K. S., Kharthangmaw, J.M., Nonglait, L.K.C., Marwein, C.B. and Choudhury, S. (2023). First record of the termite species *Nasutitermes profuscipennis* Akhtar (Blattodea: Isoptera) from India. *International Journal of Tropical Insect Science*. <https://doi.org/10.1007/s42690-023-01021-7>

2. **Das, K.S.** and Choudhury, S. (2023). A new termite species of the genus *Bulbitermes* (Blattodea: Isoptera: Termitidae) from Meghalaya, India. *Journal of Threatened Taxa*, 15(3): 22850–22858.
3. **Das, K.S.** and Choudhury, S. (2023). First record of *Ahmaditermes emersoni* Maiti (Isoptera, Termitidae, Nasutitermitinae) from Meghalaya, India. *Entomon*, 48(1): 135-140.
4. Nonglait, K. C. L., **Das, K. S.**, Marwein, C. B., Kharthangmaw, J. M., and Choudhury, S. (2023). Scanning electron microscopy study of the antennal sensilla of cob borer, *Stenachroia elongella* (Lepidoptera: Pyralidae). *Microscopy Research and Technique*, 1–9.
5. Marwein, C. B., **Das, K. S.**, Lyngdoh Nonglait, K. C., Kharthangmaw, J. M., & Choudhury, S. (2022). Scanning electron microscopic studies of the antennal sensilla of *Aplosonyx chalybaeus* (Hope) (Coleoptera: Chrysomelidae). *Microscopy Research and Technique*, 1–10.
6. Kharthangmaw, J., Choudhury, S., **Das, K.S.**, Nonglait, K.C.L. and Marwein, C.B. (2022). Sensilla on the wings of *Eurydema dominulus* (Scopoli). *Indian Journal of Entomology*, 1-5. Doi. No.: 10.55446/IJE.2022.805
7. Goswami, M., Baruwa, B., **Das, K. S.**, Singh, N. S., Sarma, R., Goswami, S. B. and Maitra, T. (2022). Arsenic contamination in the groundwater and prevalence of arsenicosis in Santipur village of Dhubri district, Assam, India. *Journal of Experimental Zoology India*, 25: 2249-2257.
8. **Das, K. S.**, Kharthangmaw, J. M., Nonglait, K. C. L., Marwein, C.B. & Choudhury, S. (2022). Sensory structures on the maxillary palp of the termite species *Hospitalitermes jepsoni* Snyder (Termitidae: Isoptera). *International Journal of Entomology Research*, 7(2): 171–177.
9. **Das, K. S.**, Marwein, C. B., Nonglait, K. C. L., & Choudhury, S. (2021). Sensory structures on the antenna of soldier and worker castes of the termite species *Odontotermes parvidens* (Termitidae: Isoptera: Blattaria). *Microscopy Research and Technique*, 85:956–970.
10. **Das, K.S.** and S. Choudhury (2020). New records of nasutiform termite (Nasutitermitinae: Termitidae: Isoptera) from Meghalaya, India. *Journal of Threatened Taxa*, 12(9): 16190–16192.
11. **Das, K. S.** and S. Choudhury (2020). Description of a new subspecies of the genus *Silvestri*, 1901 (Amitermitinae: Termitidae: Isoptera) and the first record of another termite species from Meghalaya, India. *Journal of Threatened Taxa*, 12 (4): 15499-15502.
12. **Das, K.S.**, Choudhury, S. and Nonglait, K. C. L (2020). Antennal sensory structures of polymorphic soldiers in the termite *Macrotermes annandalei* (Silvestri). *Indian Journal of Entomology*, 82(4): 625-630
13. Nonglait, K. C. L., Choudhury, S. and **Das, K.S.** (2020). Sensilla on the wings of cob borer *Stenachroia elongella* Hampson. *Indian Journal of Entomology*, 82(4): 621-624.
14. **Das, K. S.**, Choudhury, S., Nonglait, K. C. L. (2017). Zootherapy among the ethnic groups of North Eastern region of India-a critical review. *Journal of Critical Reviews*, 4(2):1-9.

#### **Book chapters-**

1. **Das, K.S.**, Kharthangmaw, J.M., Choudhury, S. (2020). Endemic Termites of North East India (pp. 99–111). In: Chandel, B.S. (ed.), *Applied Entomology and Zoology*, Vol.7. Akinik publications, New Delhi, pp. 132.

2. **Das, K.S.**, Choudhury, S., Marwein, C.B. (2020). Termites and their sensory structures (pp. 65–90). In: Naresh, R.K. (ed.), *Advances in Agriculture Sciences, Vol. 27*. Akinik publications, New Delhi, pp. 126.

## PRESENTATIONS

- 28-29<sup>th</sup> February, 2020 : Oral presentation** in the ‘National Symposium on Recent Trends in Zoological Sciences’ organized by the department of Zoology, North-Eastern Hill University, Shillong, Meghalaya, India; Topic: New reports of few termite species from Meghalaya, India.
- 6 - 8<sup>th</sup> November, 2019 : Oral presentation** in the ‘International conference on Recent advances in Animal Sciences’ organized by the department of Zoology, Pachunga University College, Aizawl, Mizoram, India. Topic: Sensory structures of antenna of the termite species *Hypotermitis xenotermitis* (Isoptera: Termitidae).
- 27-29<sup>th</sup> January, 2018 : Poster presentation** in the ‘International Symposium on Biodiversity and Biobanking (Biodiverse-2018)’ organized by IIT Guwahati. Topic: A preliminary study on the composition of termites fauna in the Nongpoh area of Ri-Bhoi district, Meghalaya.
- 30 - 31<sup>st</sup> March, 2017 : Oral presentation** in the ‘National Seminar on Integrated Approach in Zoological Research and Biennial Conference of Zoological Society of Assam’ organized by the department of Zoology, Gauhati University, Guwahati. Topic “Composition of termite fauna in the North-Eastern Hill University Campus and its adjacent areas, Shillong, Meghalaya”.

## WORKSHOPS/SHORT-TERM COURSES/TRAININGS ATTENDED

- 1<sup>st</sup> - 7<sup>th</sup> November, 2022 :** Participated in the **DST-STUTI** sponsored National Level training programme on “**Advanced Analytical and Imaging Techniques**” organized by the Department of Zoology and Sophisticated Analytical Instrument Facility (DST-SAIF), North-Eastern Hill University (NEHU), Shillong in collaboration with JSS Academy of Higher Education and Research, Mysuru.
- 2<sup>nd</sup> - 7<sup>th</sup> September, 2019 :** Participated in the **short term course in SPSS** organized by UGC-HRDC North-Eastern Hill University, Shillong-793022.
- 18<sup>th</sup> -22<sup>nd</sup> February, 2019 :** Completed **five days** training on “ **Isoptera Taxonomy**” in the **Isoptera Section of the Zoological Survey of India, Kolkata-700053**.
- 1<sup>st</sup> - 6<sup>th</sup> August, 2016 :** Participated in the **short term course in Life Sciences (With Special Reference to Nano Science)** organized by UGC-HRDC North-Eastern Hill University, Shillong-793022.

## TEACHING EXPERIENCES

- May, 2022 - July, 2022: Guest Faculty** in the department of **Zoology, NEHU, Shillong-22**. Duties: M.Sc. 4<sup>th</sup> Semester theory class (Paper name- Ecology and Environmental Biology).
- 16<sup>th</sup> November, 2022- 31<sup>st</sup> May, 2023: Assistant Professor** in the department of **Zoology, Assam Don Bosco University, Tapesia-782402**. Duties: Teaching of M.Sc. 4<sup>th</sup> Sem (Course Name- Animal

Ecology and Wildlife Biology; Specialization), M.Sc. 2<sup>nd</sup> Sem (Course Name- Ethology and Population Genetics), B.Sc. 6<sup>th</sup> Sem (Course Name- Evolutionary Biology) and B.Sc. 4<sup>th</sup> Sem (Course Name- Comparative Anatomy of Vertebrates); Revision and preparation syllabus for both the B.Sc. and M.Sc. courses of the department under NEP 2020 for the university; Supervision of M.Sc. 4<sup>th</sup> semester special paper dissertation etc.

## FELLOWSHIPS/ GRANTS

UGC-National fellowship for SC (2017-2018 batch) funded by UGC-New Delhi, India (Award letter no. F1-17.1/2017-18/RGNF-2017-18-SC-ASS-35335).

## PROJECTS

**August, 2014 - February, 2016: Project Fellow;** ICMR funded project entitled “**Arsenic contamination in the groundwater and prevalence of Arsenicosis in Assam: An Ecological Study**”. Principal Investigator: Dr. Mamata Goswami.

## PEER-REVIEWER

Journal of Threatened Taxa (2020); International Journal of Tropical Insect Science (2023); Entomon (2023)

## CO- CURRICULAR ACTIVITY

**2017-18 : President;** North-Eastern Hill University Assam Student’s Association (NASA), Shillong-22, Meghalaya, India.

## REFERENCES

- 1. Dr. Sudipta Choudhury**, Assistant Professor, Department of Zoology, North-Eastern Hill University, Shillong-22, Email-sudiptanehu@gmail.com, Phone-9436165100
- 2. Prof. S.R. Hajong**, Professor, Department of Zoology, North-Eastern Hill University, Shillong-22, Email-srhajong@nehu.ac.in, Phone-9436119216
- 3. Prof S. Sengupta**, Professor, Assam Don Bosco University, Tapesia-782402, Email-saibal.sengupta@dbuniversity.ac.in, Phone-8134994506

## DECLARATION

I do hereby declare that all the particulars mentioned above are true to the best of my knowledge and nothing has been concealed.

07-06-2023  
Bhawanipur, Assam

Khirod Sankar Das