Curriculum vitae

1. Name and full correspondence address: Dr. Shuddhasattwa Maitra Mazumdar.
Assistant Professor, Dept. of Zoology
Visva-Bharati University, WB, India-731235

2. Email(s) and contact number(s): suddhamoitra@gmail.com, (+91) 9083585978
3. Institution: Visva-Bharati Central University, Shantiniketan, West Bengal, India-731235
4. Date of Joining: 30/12/2025
5. Date of Birth: 21st March, 1989
6. Gender (M/F/T): M
7. Category: General
8. Whether differently abled: No
9. Academic Qualification (Undergraduate onwards)

	Degree	Year	Subject	University/Institution
1.	Bachelor of Science	2011	Zoology	Hooghly Mohsin College
2.	Master of Science	2013	Zoology	The University of Burdwan
3.	WB-SLET	2013	Life Sciences	WBCSC
4.	GATE-XL	2013	Life Sciences	IIT Kharagpur in coordination with NCB
5.	CSIR-UGC-NET	2014	Life Sciences	CSIR-UGC
6.	Ph.D.	2021	Zoology	The University of Burdwan

10. Ph.D thesis title: Studies on adult activity of *Culicoides* spp. (Diptera: Ceratopogonidae) in relation to farm animals with special emphasis on host preference and host seeking behaviour.

    Supervisor: Prof. Abhijit Mazumdar, The University of Burdwan
    Year of Award: 2021

11. Area of research: Biosystematics and bioecology of small dipterans (Ceratopogonids) and silkworm. Innovation of tools and techniques related to insect surveillance and monitoring.

12. Work experience (in chronological order)

Sl.No.	**Positions held**	**Name of the Institute**	**From**	**To**
1.	Assistant Professor	Dept. of Zoology (Visva Bharati)	30/12/2025	Present
2.	Scientist-C	Central Silk Board, Govt. of India	01/07/2022	29/12/2025
3.	Scientist-B	Central Silk Board, Govt. of India	01/11/2018	30/06/2022

13. Professional Recognition/Award/Prize/Certificate, Fellowships received by the applicant

- Award: Virtual Symposium Grant awarded by Entomological Society of America (Year-2025)

- Travel Bursary Awarded (350 GBP) to Bangaldesh by Gnatwork management Board under the aegis of The Pirbright Institute and London School of Tropical Medicine and Hygiene (Year-2018)
- Prize: First prize in Poster Presentation at International Seed Conference organized by National Silkworm Seed Organization, Central Silk Board (Year-2024)
- DBT-CTEP travel support to attend *ENTOMOLOGY 2025* organized by Entomologicial Society of America, Portland, USA (Year-2025)
- Invited Lectures

Title of Invited lecture delivered/paper presented	**Details of conference/seminar/institution**	**Invited talk/paper presented**
The bite of neglect: feeding of entomophagous *Forcipomyia,* spp. (Diptera: Ceratopogonidae) on silkworm *Antheraea mylitta* (Lepidoptera: Saturniidae)	Entomological Society of America [International]	Paper Presentation (2025) [SECURED AWARD]
Hemololymph feeders of silkworm: an untold association with small Dipterans.	ENTOMOLOGY 2025, Entomological Society of America, Portland, USA	Paper presented (2025)-
An automated insect light trap	ENTOMOLOGY 2025, Entomological Society of America, Portland, USA	Innovators presentation (2025)
Tasar sericulture in India	National Science Day Program at Sidho-Kanho-Birsha University [National]	Invited talk (2025)
Influence biotic and abiotic factors on emergence of *Antheraea mylitta* (Tasar Silkworm)	International Silkworm Seed Conference by Central Silk Board at Bengaluru [International]	Poster presentation (2024) [secured first prize]
Morphological and molecular identification of *Culicoides*, vectors of bluetongue virus	DST-SERB **sponsored** event at THE UNIVERSITY OF BURDWAN [National]	Invited talk (2022)
Attraction of adult *Culicoides* spp. (Diptera: Ceratopogonidae) to different wavelength of light- a field-based observation	London school of Tropical medicine & Hygiene and The Pirbright Institute **sponsored** Gnatwork program [International]	Paper presentation (2018) [Travel bursary of 350 GBP has been awarded by Gnatwor]
Bluetongue vector identification	All India Network Program (AINP)-IBVnet **sponsored** program at Tamil Nadu Veterinary and Animal Sciences University [International, within country]	Resource Person (2015)

14. Publications (*List of papers published in SCI journals, in year wise descending order*)

Sl.No	**Author(s)**	**Title**	**Name of Journal**	**Volume**	**Page**	**Year**
1	**First/ corresponding author**	New species, country records, DNA barcoding and host blood meal analysis of some Indian species of *Culicoides* Latreille subgenus *Trithecoides* Wirth and Hubert (Diptera: Ceratopogonidae).	Acta Tropica	-	107798	**2025**

1	**First/ corresponding author**	Host-seeking and exophilic-endophilic activities of *Culicoides* spp. (Diptera: Ceratopogonidae) with notes on two trapping methods	Journal of Medical Entomology	62	416-427	**2025**
2	**First/ corresponding author**	Absence of abdominal pigmentation in species of *Culicoides* Latreille subgenus *Trithecoides* Wirth & Hubert: An obstruction to age-grading	Biologia	Doi:10.1007/s11756-025-01963-y		**2025**
3	Joint/Co-author	A novel Bayesian approach based on wing geometric morphometry to discriminate *Culicoides* species (Diptera: Ceratopogonidae)	Journal of Medical Entomology	Doi:10.1093/jme/tjaf082		**2025**
4	**First/ corresponding author**	Taxonomy and feeding of *Forcipomyia (Microhelea) fuliginosa* Meigen and *Forcipomyia (Microhelea) esakiana* Tokunaga (Diptera: Ceratopogonidae) on *Antheraea mylitta* Drury (Lepidoptera: Saturniidae)	Zootaxa	5405	116-130	**2024**
5	**First/ corresponding author**	Activities of pest and predator associated with tropical tasar silkworm *Antheraea mylitta*: a study in Littipara region (Jharkhand)	Plant Archives	24	8-13	**2024**
6	Joint/Co-author	Tropical tasar sericulture: current challenges and management practices	Plant Archives	24	98-103	**2024**
7	Joint/Co-author	Influence of ichneumon wasp (*Xanthopimpla pedator* f.) on grainage performance of tropical tasar silkworm (*Antheraea mylitta* D.)	Plant Archives	24	39-43	**2024**
8	Joint/Co-author	A study on constraint faced by farmers in tropical tasar seed cocoon production	Plant Archives	24	181-183	**2024**
9	Joint/Co-author	Comparative analysis on reeling parameters of cultivated and wild raily tasar cocoons	Plant Archives	24	34-38	**2024**
10	Joint/Co-author	Comparative efficacy of disinfectants in management of virosis and bacteriosis in tasar culture	Plant Archives	24	14-17	**2024**
11	Joint/Co-author	Exploring the potential of tasar silkworm rearing in national highway plantations	Insect Environment	27	423-428	**2024**
12	Joint/Co-author	Impact of integrated pest management (IPM) practices on gall fly infestation in tasar sericulture	Plant Archives	24	138-143	**2024**
13	Joint/Co-author	Managing predatory wasps in tasar sericulture: strategies and challenges	Plant Archives	24	48-53	**2024**
14	Joint/Co-author	Sarihan ecorace of *Antheraea mylitta* Drury: A comprehensive conservation study in jharkhand	Plant Archives	24	192-200	**2024**
15	Joint/Co-author	Exploring the ecological interplay: population dynamics of an ichneumon wasp (*Xanthopimpla pedator* F.) on the Raily ecorace of *Antheraea mylitta* D. in Chhatisgarh, India	Entomon	49	511-518	**2024**
16	Joint/Co-author	A comparative morphometric analysis of Daba and Bdr-10 eco-races of tropical tasar silkworm *Antherea mylitta* D	Plant Archives	24	169-175	**2024**
17	**First/ corresponding author**	Influence of abiotic factors on seasonal and nonseasonal emergence of Tasar silkworm, Antheraea mylitta Drury	Journal of Environmental Biology	44	445-451	**2023**

18	Joint/Co-author	Biting midge *Culicoides anophelis* as a hyperparasite on *Culex tritaeniorhynchus*: observations from cattlesheds in West Bengal, India	Journal of Bombay Natural History	120	3	**2023**
19	Joint/Co-author	Elucidation of population structure of *Culicoides oxystoma* a vector of BTV in India and its genetic variability within conspecifics	Biologia	79	841-851	**2023**
20	Joint/Co-author	Host selection behavior of tasar silkworm, *Antheraea mylitta* (Drury) for oviposition	Journal of Environmental Biology	44	452-457	**2023**
21	Joint/Co-author	Host preference of bluetongue virus vectors, *Culicoides* species associated with livestock in West Bengal, India: potential relevance on bluetongue epidemiology	Acta Tropica	235	106648	**2022**
22	Joint/Co-author	Evaluation of resting traps: Anapproach tounderstandresting biology of Culicoides spp. inbackyard cattleshed.	Acta Tropica	234	106576	**2022**
23	Joint/Co-author	Spatial variation in cocoon yield in tropical tasar silkworm: an influence of insect-predators and pathogens	Plant Archives	22	40-44	**2022**
24	**First/ corresponding author**	First report of *Culicoides* associated with goat and sheep from Jharkhand, India	Biologia	77	757-764	**2022**
25	Joint/Co-author	Distribution of an arboreal snail, *Rhachistia bengalensis* (Lamarck, 1822) in managed and unmanaged habitats: implications for Conservation	Tropical Ecology	Online issue	1-9	**2022**
26	Joint/Co-author	First record of natural enemy, *Trechnites aligharhensis* on *Trioza fletcheri minor* Crawford, a major pest on *Terminalia arjuna* and *Terminalia tomentosa*	Journal of Biological Control	35	76-81	**2021**
27	**First/ corresponding author**	Preferential attraction of different colours of light emitting diodes for *Culicoides* species in West Bengal, India.	Medical and Veterinary Entomology	34 (4)	411-419	**2020**
28	Joint/Co-author	Abundance, diversity and temporal activity of adult *Culicoid*es spp. associated with cattle in West Bengal, India	Medical and Veterinary Entomology	34 (3)	327-343	**2020**
29	**First/ corresponding author**	Field Evaluation of Locally Designed Ultraviolet Light Trap for Collection of *Culicoides* spp. (Diptera: Ceratopogonidae)	EC Veterinary Sciences	4(5)	355-360	**2019**
30	Joint/Co-author	Dipteran flies as pollinator and their prospective role in orchid pollination of eastern Himalaya	Journal of Bioresources	4	12-18	**2017**
31	**First/ corresponding author**	*Culicoides* spp. latreille (diptera: ceratopogonidae) vector of several human diseases–a neglected issue.	NBU Journal of Animal Science	10	21-30	**2016**

15. Books/Reports/Chapters/General articles etc.: NA

Sl. No.	Books/Reports/ Chapters/General articles	Authorship	Tilte	Editor	Publisher with ISBN	Year
1.	Book chapter	First/Corresponding author	An Overview of Climatic and Genetic Influences on the Emergence of *Antheraea* spp.	Raviraj et al	Springer (978-981-97-5061-0)	**2024**
2.	Book	Editor	Tasar Crop Protection	Self	CSB-Basic Tasar Silkworm Seed Organization (978-93-342-8163-7)	**2025**

16. Any other information: **Projects supervised**

Sl. No.	PI/ CI	Description	Duration
1.	PI	Evaluation of the role of Ceratopogonids (Diptera) a neglected cluster to Tasar silkworms **Funding source:** Central Silk Board **Status:** Completed **Budget**: 1 lakh	17/12/2022 to 16/06/2022
2.	PI	Designing and Fabrication of automated LED light trap emitting light of all wavelength across UV-vis spectra in a single trap. **Funding source:** Central Silk Board **Status:** Completed **Budget:** 1 lakh	17/12/2022 to 16/06/2022
3.	PI	Isolation and characterization of culturable bacterial communities associated with salivary glands of *Forcipomyia* spp. an ectoparasite on *Antheraea mylitta* **Funding source:** Central Silk Board **Status:** Completed **Budget:** 1 lakh	09/09/2024 to 08/03/2025
4.	CI	Region and season specific selection of pruning and brushing schedule for tasar food plants and silkworm protection **Funding source:** Central Silk Board **Status:** Completed **Budget:** >10 lakh [68.26 lakhs]	4/3/2022 to 31/01/2025

17. **Students supervised: 5**-Post Graduate Diploma in Sericulture (PGDS) students were guided for their Intensive Practical Training (IPT) dissertation.

18. **Membership/Fellowship of Academies/Institutions/Professional Societies:**

- Member to the Advisory Committee of Swami Vivekananda Centre for Innovation & Transformation under Sidho-Kanho-Birsha University (Purulia)
- Life Member to Zoological Society of Burdwan
- Member to Royal Entomological Society
- Member to Entomological Society of America