

## CV: Dr. AMLAN DAS

1. Name : **Dr. AMLAN DAS**
2. Position : Associate Professor
3. Communicating address :  
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4. Date of birth : 07.01.1972
5. Citizenship : India
6. Education:



Period	Role	At	Subject
2016-2017	Post-Doctoral Research	Department of Integrative Biology, University of Colorado, Denver, USA ( <a href="https://clas.ucdenver.edu/integrative-biology">https://clas.ucdenver.edu/integrative-biology</a> )	Ant war
2009-2010	Visiting Scientist	The Zoological Research Museum Alexander Koenig (ZFMK), University of Bonn, Germany. ( <a href="https://www.zfmk.de/en/zfmk">https://www.zfmk.de/en/zfmk</a> )	Edible insects (Acridid)
2008-2009	Post-Doctoral Research	Department of physiology, University of Sao Paulo, Brazil. ( <a href="https://fisiologia.icb.usp.br">https://fisiologia.icb.usp.br</a> )	Bioenergetics in ants
1998-2004	PhD	Visva Bharati University, India ( <a href="http://www.visvabharati.ac.in">http://www.visvabharati.ac.in</a> )	Acridid biomass and edibility
1994-1997	Masters (MSc)	University of Calcutta, India ( <a href="https://www.caluniv.ac.in">https://www.caluniv.ac.in</a> )	Zoology with Entomology Special paper
1991-1994	Bachelors (BSc)	University of Calcutta, India	Zoology Honors
2001	National Eligibility Test for Lectureship	UGC-WBCSC, Govt. of India	Life Sciences

## 7. Education & Research Awards received:

Serial	Period	Award/Fellow	Funding agency
1	2017-17	OTS specialty course on Social Insects in Costa Rica	Organization of Tropical Studies (OTS), USA and University of San Jose, Costa Rica. ( <a href="https://tropicalstudies.org">https://tropicalstudies.org</a> )
2	2016-17	RAMAN: Indo-US Post-Doctoral award	UGC, Govt. Of India. ( <a href="https://www.ugc.ac.in/ramanpdf">https://www.ugc.ac.in/ramanpdf</a> )
3	2010-11	DAAD: German Visiting Scientist Award	German Academy of Science, ( <a href="http://www.daad.de/de/index.html">http://www.daad.de/de/index.html</a> ), GERMANY
4	2009-10	TWAS: Post-Doctoral award	The Academy of Science for the developing World. ( <a href="http://twas.ictp.it/">http://twas.ictp.it/</a> ), ITALY.
5	2009-10	BOYSCAST: Post-Doctoral award for Brazil	Department of Science & Technology, ( <a href="http://www.dst.gov.in/">www.dst.gov.in/</a> ), INDIA.
6	2005-06	FAPESP: Post-Doctoral award	Fundação de Amparo à Pesquisa do Estado de São Paulo, ( <a href="http://www.fapesp.br/">http://www.fapesp.br/</a> ), BRAZIL.
7	2000-04	UGC- Doctoral Research Fellowship	University Grants Commission, ( <a href="http://www.ugc.ac.in/">www.ugc.ac.in/</a> ), INDIA.
8	1999	Orthopterists' Society International award, Award money= US\$ 500.00	University of Michigan, Ann Arbor, ( <a href="http://140.247.119.225/OrthSoc/">http://140.247.119.225/OrthSoc/</a> ), USA.
9	1997-99	DST- Doctoral Research Fellowship	Dept. of Science & Technology, INDIA.
10	1994-97	All India national scholarship (for Masters)	Ministry of Higher education, Govt. of INDIA.

## 8. Other international Awards & Grants received:

Serial	Year	Purpose of Grant	Funding agency
1	2022	Travel Grant for International congress on entomology (ICE-2022), Helsinki, Finland	SERB, Govt. of India
2	2022	Membership grant for Entomological Society of America (ESA), USA, for the year of 2022-2023	Entomological Society of America (ESA), USA
3	2017	Travel and Research grant for Organization of Tropical Studies (OTS), USA at La Selva field station, Costa Rica.	Organization of Tropical Studies (OTS), USA.
4	2015	Membership grant for Entomological Society of America (ESA), USA, for the year of 2015.	Entomological Society of America (ESA), USA
5	2014	Travel grants for International union for the study of social insects (IUSI), Cairns, Australia.	University of Sydney, Australia, IUSI- Australasia-chapter & Calcutta University, India.

6	2013	Travel grant for International congress of Orthopterology (XI-ICO), Kunming, China.	University of Kunming, China
7	2013	Travel grant for International conference on insect science (ICIS), Bangalore, India	KVVC, Bangalore, India.
8	2012	Travel grant for International congress on entomology (XXIV-ICE), Diego, South Korea.	SERB, Govt. of India
9	2012	Participation grant for International symposium on insect bio- industry: achievement and challenges. Kyungpook National University, South Korea.	Kyungpoo National University, South Korea.
10	2011	Global Congress on Entomology (GCE- 2011), Chiang Mai, Thailand	No Grant received
11	2010	International workshop on metabolomics in the context of system biology: a rational approach to search for lead molecules from nature.	BIOTA-FAPESP & University of Sao Paulo, Brazil
12	2010	Travel grant for International union for the study of social insects (IUSI), Copenhagen, Denmark.	University of Copenhagen, Denmark, IUSI-European chapter and UGC-India
13	2009	International workshop on applied ecology and human dimensions in biological conservation,	BIOTA-FAPESP and University of Sao Paulo, Brazil & DST-SERC, Govt. of India

## 9. Job Profile:

Position	From	To	Work place	Job nature
Associate professor (Zoology)	24.4.2017	Continuing	University of Calcutta, India	Permanent
Assistant professor (Zoology)	13.11.2013	23.4.2017	-do-	-do-
Assistant professor (Zoology)	13.5.2005	12.11.2013	D.B College (West Bengal State University), India	-do-

## 10. Ongoing/Completed Research Project

Period	Project Reference	Funding agency	Remarks
2023-2026	CRG/2022/00420	SERB (DST), Govt. of India	Ongoing
2022-2025	1412/ STBT-1012(11)/46/2020	DSTBT, Govt. of West Bengal	Ongoing
2022-2023	NIDHI-EIR	DBT, Govt. of India	Completed
2021-2022	Technology Hunt Program	IIM (Cal) -TDAC	Completed
2013-2016	Fast Track Young Scientist, (SR/FT/LS-174/2012)	SERB (DST), Govt. of India	Completed

## 11. Memberships:

Organization	Web
The Global Locust Initiative (Network), Arizona SU, USA	<a href="https://sustainability.asu.edu/global-locust-initiative/">https://sustainability.asu.edu/global-locust-initiative/</a>
International union for the study of social insects (IUSI), USA	<a href="http://www.iussi.org/">http://www.iussi.org/</a>
The Association for the Study of Animal Behaviour (ASAB)	<a href="https://www.asab.org/">https://www.asab.org/</a>
Orthopterists' Society, USA	<a href="https://orthsoc.org/">https://orthsoc.org/</a>
Indian Society for the Advancement of Insect Science	<a href="http://www.insais.org/contact-us/">http://www.insais.org/contact-us/</a>
Indian Science Congress Association	<a href="http://sciencecongress.nic.in/index.php">http://sciencecongress.nic.in/index.php</a>
The Zoological Society, Kolkata	<a href="http://zskol.org/">http://zskol.org/</a>

## 12. Research Interest:

### Research interests

The Applied Entomology Laboratory focuses on understanding different aspects on insect behavior, metabolism, and chemical ecology within the framework of physiological evolution. Another wing of the lab focuses on grasshopper and locust biology, including their dispersion and aggregation. Climatic effects on firefly distribution and behavioral physiology are another job for this group. The third group is working with edible insect research, from optimizing mass rearing to commercialization of the product and byproduct. Currently, the lab actively pursues three broad areas of research:

#### 1. Chemical Ecology Group:

In insect-insect and insect-plant interaction, we are working with various insect models to better understand cooperation and conflict on bio-physiochemical levels. The following studies are being conducted:

- Plant metabolite and volatile interaction among insects, plants, egg parasitoids, and biopesticide formulations for selected agro-crops. Mango gall midges, solanaceous crop pests, and Tasar plant infesting buprestidids are now being investigated.
- Among social insects, the lab is currently studying the chemical interactions between "conspecific" and "heterospecific" ants, and how CHC affects conflict and cooperation, the role of biogenic amines and their regulatory genes.

#### 2. Insects and Climate Change Group:

This group concentrates on grasshopper and locust eco-physiology, locust plague formation, dispersion, and migration rules. The team is working on surveys, bio-ecology, and restoration programs for grasshoppers and locusts from the Desert National Park in Jodhpur and several threatened fireflies from India's Western Ghats.

#### 3. Edible Insect Research Group:

In the domain of edible insect research, we are working with the biomass production of several mini-livestock from mass farming to marketable forms, the development and scaling up of indoor farming technology, nutrient assessment, and the commercialization of the product and byproduct. Mealworms and Orthopterans are currently under consideration.

The lab is always interested in hiring motivated students at both the graduate (internship) and postgraduate (PhD) levels. Do not hesitate to contact the lab if you have a novel project proposal with specific research questions. The lab seeks to cultivate a positive climate and sustain the advantages of diversity and inclusion by focusing on equity and seeking evidence that all perspectives are valued and that each team member is elevated to their fullest potential.

### 13. Research Collaborators:

Serial	Name	Affiliation	Country
1	Prof. Michael J. Greene	Department of Integrative Biology, Denver, University of Colorado, USA	USA
2	Prof. Klaus Riede	Zoologisches Forschungsinstitut und Museum Alexander Koenig, Bonn,	Germany
3	Prof. Carlos A. Navas	Departamento de Fisiologia, Instituto de Biociências, Universidade de São Paulo, Brasil.	Brazil
4	Prof. A. K. Ghosh	Dept of Soil Science & Agricultural Chemistry, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi.	India
6.	Prof. M.P. Sarkar	Presidency University, Kolkata, India.	India
5.	Dr. Samarjit Maity	Department of Biotechnology, Vidyasagar University, India	India

### 14. Publications:

Published	
2023	Manna, S., Roy, S., Dolai, A., Ravula, A. R., Perumal, V., and <b>Das, Amlan</b> . (2023). Current and future prospects of “all-organic” nanoinsecticides for agricultural insect pest management. <i>Frontiers in Nanotechnology</i> , 4. <a href="https://doi.org/10.3389/fnano.2022.1082128">https://doi.org/10.3389/fnano.2022.1082128</a> <b>Frontiers</b>
	Biswarup Mitra, <b>Amlan Das</b> (2023) Microbes and environment sustainability: An in-depth review on the role of insect gut microbiota in plastic biodegradation, In: <i>Developments in Applied Microbiology and Biotechnology, Synergistic Approaches for Bioremediation of Environmental Pollutants : Recent Advances and Challenges</i> , <b>Academic Press</b> , 1-25, ISBN 9780323918602, <a href="https://doi.org/10.1016/B978-0-323-91860-2.00013-0">https://doi.org/10.1016/B978-0-323-91860-2.00013-0</a> <b>Elsevier</b>
2022	<b>Amlan Das</b> , Dipsikha Ghosh, Balaram Manna, Avishek Dolai, Anshuman Pati <sup>1</sup> , Sumit Mandal, Krishnendu Mukherjee (2022). Does space matter? Estimation and evaluation of required space for commercial mass culture of grasshoppers (Acridoidea: Orthoptera). <i>PLoS ONE</i> 17(6):e0265664. <a href="https://doi.org/10.1371/journal.pone.0265664">https://doi.org/10.1371/journal.pone.0265664</a>
	Supratim Laha, Soumik Chatterjee, <b>Amlan Das</b> , Barbara Smith and Parthiba Basu (2022). Selection of Non-Crop Plant Mixes Informed by Arthropod-Plant Network Analyses for Multiple Ecosystem Services Delivery towards Ecological Intensification of Agriculture. <i>Sustainability</i> , 14: 1903. <a href="https://doi.org/10.3390/su14031903">https://doi.org/10.3390/su14031903</a> <b>MDPI</b>
	Sourav Manna, Avishek Dolai, Dayita Mondal, Dipsikha Ghosh, <b>Amlan Das</b> (2022). The practice of entomophagism in India by indigenous people: past, present, and future, In: <i>Indigenous People and Nature</i> , 15: 329-352, ISBN 9780323916035, <a href="https://doi.org/10.1016/B978-0-323-91603-5.00003-8">https://doi.org/10.1016/B978-0-323-91603-5.00003-8</a> ). <b>Elsevier</b>
	Bounsang Chouangthavy, <b>Amlan Das</b> (2022). Diversity and acceptance of insect mini-livestock among the indigenous people of Laos PDR: traditional knowledge, culinary, and bioprospecting, In: <i>Indigenous People and Nature</i> , 19: 419-436, ISBN 9780323916035, <a href="https://doi.org/10.1016/B978-0-323-91603-5.00026-9">https://doi.org/10.1016/B978-0-323-91603-5.00026-9</a> <b>Elsevier</b>



	Sampurna Roy, Ashutosh Mukherjee, Arunodaya Gautam, Debbethi Bera, <b>Amlan Das</b> (2022). Chemical Arms Race: Occurrence of Chemical Defense and Growth Regulatory Phytochemical Gradients in Insect-Induced Foliar Galls. <i>Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.</i> 92, 415–429. <a href="https://doi.org/10.1007/s40011-021-01322-2">https://doi.org/10.1007/s40011-021-01322-2</a> . Springer
2021	Bounsangong Chouangthavaya, Sunisa Sanguansub, <b>Amlan Das*</b> (2021). Sustainable organic farming supports greater diversity of coleopteran beetles as a good indicator taxon: a case study from central Laos PDR. <i>J of Organic Agriculture</i> Aug 3:1-10. <a href="https://doi.org/10.1007/s13165-021-00367-x">https://doi.org/10.1007/s13165-021-00367-x</a> . Springer
	Sumit Mandal and <b>Amlan Das*</b> (2021). <i>Tyrophagus putrescentiae</i> (Schrank) (Astigmata: Acaridae) as natural enemy for wood boring pest, <i>Psiloptera fastuosa</i> F. (Coleoptera: Buprestidae) in tropical tasar. <i>ENTOMON</i> 46(1): 33-40. <a href="https://doi.org/10.33307/entomon.v46i1.584">https://doi.org/10.33307/entomon.v46i1.584</a>
2020	Manna, B., Maiti, S. and <b>Das, A.</b> (2020). Sex dimorphic adaptive responses against Azadirachtin toxicity in gut tissues of <i>Spathosternum prasiniferum prasiniferum</i> (Orthoptera; Acridoidea). <i>International Journal of Tropical Insect Science</i> , pp.1-8. (DOI: <a href="https://doi.org/10.1007/s42690-020-00180-1">https://doi.org/10.1007/s42690-020-00180-1</a> ). Springer
	Manna, B., Maiti, S., and <b>Das, A.</b> (2020). Bioindicator potential of <i>Spathosternum prasiniferum prasiniferum</i> (Orthoptera; Acridoidea) in pesticide (azadirachtin)-induced radical toxicity in gonadal/nymphal tissues; correlation with eco-sustainability. <i>Journal of Asia Pacific Entomology</i> .23(2): 350-357. (DOI: <a href="https://doi.org/10.1016/j.aspen.2020.02.007">https://doi.org/10.1016/j.aspen.2020.02.007</a> ). Elsevier
	Laha, S., Chatterjee, S., <b>Das, A.</b> , Smith, B. and Basu, P., (2020). Exploring the importance of floral resources and functional trait compatibility for maintaining bee fauna in tropical agricultural Landscapes. <i>Journal of Insect Conservation</i> , pp.1-13 ( <a href="https://doi.org/10.1007/s10841-020-00225-3">https://doi.org/10.1007/s10841-020-00225-3</a> ). Springer.
	Naskar N., Mukherjee A. and <b>Das A.</b> (2020) Predominance of cyanobacterial taxa and eutrophication in brackish water fisheries of Sundarbans: Evidence from several sites of North 24 Parganas, West Bengal, India. <i>International Journal of Research on Social and Natural Sciences</i> , Vol. V Issue 2 Dec 2020 ISSN (Online) 2455-5916.
2019	Manna, B., Maiti, S. and <b>Das, A.</b> (2019). Neural Oxidant-stress by Azadirachtin Induces Anti-oxidative Enzymes Evincing Biomarker Potential in Paddy Pest, <i>Spathosternum prasiniferum prasiniferum</i> (Orthoptera: Acridoidea). <i>Asian Journal of Environment &amp; Ecology</i> , 20 (2): 1-10. (DOI: <a href="https://doi.org/10.9734/ajee/2019/v10i230111">https://doi.org/10.9734/ajee/2019/v10i230111</a> )
	Perumal, V., Sivakumar, P.M., Zarrabi, A., Muthupandian, S., Vijayaraghavalu, S., Sahoo, K., <b>Das, A.</b> , <b>Das, S.</b> , Payyappilly, S.S. and Das, S., (2019). Near infra-red polymeric nanoparticle based optical imaging in Cancer diagnosis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 199, p.111630. ( <a href="https://doi.org/10.1016/j.jphotobiol.2019.111630">https://doi.org/10.1016/j.jphotobiol.2019.111630</a> ). Elsevier.
	Laha, S., Chatterjee, S., <b>Das, A.</b> , Smith, B., and Basu, P. (2019). Non-crop Floral Traits as Determinants of Bee Visitation in a Tropical Agricultural Landscape. <i>Proceedings of Zoological Society</i> . (DOI: <a href="https://doi.org/10.1007/s12595-019-00302-9">https://doi.org/10.1007/s12595-019-00302-9</a> ). Springer.
2018	Nelson, A.S., Scott, T., Barczyk, M., McGlynn, T.P., Avalos, A., Clifton, E., <b>Das, A.</b> , Figueiredo, A., Figueroa, L.L., Janowiecki, M. and Pahlke, S., (2018). Day/night upper thermal limits differ within <i>Ectatomma ruidum</i> ant colonies. <i>Insectes sociaux</i> , 65(1), pp.183-189. (DOI: <a href="https://doi.org/10.1007/s00040-017-0585-4">https://doi.org/10.1007/s00040-017-0585-4</a> Springer
2014	<b>Amlan Das</b> (2014). Quantitative measure of feeding potential and the inferred relationship among four agricultural pests (Orthoptera: Acrididae) in India. <i>Acta Entomologica Sinica</i> . 57(8): 869-878.
	<b>Amlan Das</b> (2014). Insects used as food with emphasis to Acridid culture, biomass production and scope of application. <i>International journal of Zoology Research</i> , 4(1): 82-87.

2013	<b>Amlan Das</b> (2013). Consumption, digestion and assimilation efficiencies of some preferred food plants to an Indian crop pest grasshopper, <i>Oxya fuscovittata</i> (Marschall) (Orthoptera:Acrididae). <b>Metaleptea</b> (Newsletter), 108.
2012	<b>Amlan Das</b> and Klaus Riede (2012).A preliminary documentation of consumable Acridid (Orthoptera) species world-wide. <b>Proc of international congress on entomology</b> , South Korea, 411-412.
2009	<b>Amlan Das</b> (2009). Insect biodiversity in rice agro-ecosystem: Indian perspective. In: <b>Proc of Emerging perspective- biodiversity and its conservation in India</b> . 1: 19-21.
2008	Arijit Ganguly, Chandrik Malakar, Hena Anand, Sarasi Das, <b>Amlan Das</b> , and Parimalendu Haldar (2008). Scanning electron microscopy of egg-surface sculpturing of two common Indian short-horn grasshoppers (Orthoptera, Acrididae), <b>Journal of Orthoptera Research</b> , 17(1): 97-100.
	<b>Amlan Das</b> , Das, Sarasi. Haldar, P. (2008), Food preference of four agricultural pests (Orthoptera:Acrididae). <b>Bul. of Zool. survey of India</b> . 37: 347-354.
2004	<b>Amlan Das</b> , Sarasi Das and P Haldar (2004) Role of <i>Oxya fuscovittata</i> (Marschall) in acridid culture for biomass production, In: <b>Current issues in Environmental &amp; Fish Biology</b> , Daya Pub. New Delhi,India, 221pp ISBN= 8170353173.
2001	<b>Amlan Das</b> . (2001) Strategies to yield high biomass in Acridids, <b>Metaleptea</b> (Newsletter), 58-59.
	<b>Das, Amlan</b> . Das, Sarasi. Haldar, P. (2001) Effects of food plants on the growth rate and survivability of <i>Hieroglyphus banian</i> (Fab.) a major paddy pest. <b>J. of Applied Entomology and Zoology</b> . 37 (1): 207-212. <b>Springer</b> .
	Das, Sarasi. <b>Das, Amlan</b> , Haldar, P. (2001) Fecundity, and fertility of a pestiferous Acridid, <i>Oxyafuscovittata</i> (Marschall), <b>Journal. of Environment &amp; Ecoplanning</b> ., 5(1): 19-23.
2000	Haldar, P., <b>Das, Amlan</b> . , Gupta, R. K. (2000). Studies on the Biodiversity in Acridids (Orthoptera: Acridoidea) at Santiniketan, West Bengal, India. In: <b>Biodiversity and Environment</b> , Daya Pub. Delhi,India, ISBN= 8170352266, 210-217.
	Haldar, P. <b>Das, Amlan</b> . Gupta, Rajesh Kumar. (1999) A laboratory based study on Farming of an Indian grasshopper <i>Oxya fuscovitta</i> (Mar.) Orthoptera : Acridoidea., <b>Journal of Orthoptera Research</b> ,8: 93-97.
<b>Under Review articles</b>	
	<b>Amlan Das*</b> and Michael J. Greene (2022). Pavement ants ( <i>Tetramorium immigrans</i> ) use different decision rules to fight heterospecific ants compared to conspecific non-nestmate ants.
	Avishek Dolai and <b>Amlan Das*</b> (2022). Nest hijacking: A conspecific competitive interaction in ant societies.
	P. Hazra, S Roy, A, Dolai, A. Mukherjee, <b>A. Das</b> (2022). Diversity of foliar gall inducing insects and its associated host-plants from sub Himalayan forest ecosystem.
	Dipsikha Ghosh, Anshuman Pati, Balaram Manna, <b>Amlan Das*</b> (2022). Studies on correlation among morphometric features and habitat occurrences for twenty-four short-horned grasshoppers (Acridoidea: Orthoptera) from the tropics.

Sumit Kumar Sinha, Avishek Dolai, Arjan Basu Roy, Sourav Manna, <b>Amlan Das*</b> (2022). The colour of the flower influences spontaneous nectaring in butterflies: a case study with twenty subtropical butterflies.
Avishek Dolai, Kunal Pal, <b>Amlan Das</b> (2022). Characterization of natural silk fibre from leaf roller caterpillar, <i>Parotis marginata</i> (Lepidoptera) as an alternative biomaterial.
Dipshika Ghosh, Kausik Mondal and <b>Amlan Das</b> (2022). Evaluation of grasshopper, <i>Oxya hyla hyla</i> (Orthoptera: Acridoidea) as an alternative protein source in the formulated diet of freshwater Tilapia, <i>Oreochromis niloticus</i> .
Sumit Mandal, Avishek Dolai, Ansuman Pati, Kartik Chandra Mandal, <b>Amlan Das*</b> (2022). Studies on infestation pattern of a major stem boring pest, <i>Psiloptera fastuosa</i> (Buprestidae: Coleoptera) to Tasar plantation, <i>Terminalia arjuna</i> (Myrtales: Combretaceae) for controlling the pest.
Avishek Dolai, Kunal Pal, <b>Amlan Das</b> (2022). Characterization of the silk of Asian weaver ant, <i>Oecophylla smaragdina</i> (Hymenoptera: Formicidae)
<b>Amlan Das*</b> , Ashutosh Mukherjee and Carlos A Navas (2022). Foraging behavioural dynamics of a south American leaf cutting ant ( <i>Atta sexdens rubripilosa</i> ) under photic-scotic and temperature zeitgebers.
Sumit Mandal and <b>Amlan Das*</b> (2022). Trimorphic interaction between aphids, host-plants and attending ants in sub-tropical agricultural ecosystem: a network indication towards crop protection.
Dipshika Ghosh, Balaram Manna, Sourav Manna, Avishek Dolai Sumit Mandal and <b>Amlan Das*</b> (2022). Short-horned-grasshoppers (Orthoptera: Acrididae) can serve as potential source of protein for food/feed formulation.

## Abstracts

Sampurna Roy and <b>Amlan Das</b> (2023). A synergy of multiple phytochemicals in metaplasied plant tissue: the trade-off of chemical makeover in insect-induced plant galls. 23rd National Conference and AGM 2022, 28 January 2023, Dhaka, Bangladesh (Oral).
Sampurna Roy and <b>Amlan Das</b> (2022). Alteration of phytochemical gradients in insect induced foliar galls. International Conference on Environment" (ICES 2022), Khulna University, Bangladesh (Oral).
Dipshika Ghosh, Avishek Dolai and <b>Amlan Das*</b> (2021) Feeding response in four tropical grasshopper pests: a nutritional ecology comparison with paddy and weed. ENTO'21, Royal Entomological society. London. (Poster).
Sampurna Roy and <b>Amlan Das</b> . 2021 Phytochemical assemblage in insect-induced foliar galls and its correlation to gall development: a case study of three model plants. ENTO'21, Royal Entomological society. London. (Poster).
Avishek Dolai and <b>Amlan Das</b> (2020) Exhibition of ant-lepidopteran commensalism is not only for honeydew tending but the similarities of cuticular hydrocarbons also power the attraction. XXVI International Congress of Entomology, in Helsinki, Finland (ICE 2020).
Sourav Manna, Avishek Dolai, Snigdha Bhaumik, Masum R Karim and <b>Amlan Das</b> (2020) Chemical deception: A story of chemical mimicry behind the ant-lepidopteran association. XVII AZRA International Conference on Frontier Research in Applied Zoology and IPM strategies. (2nd Best Poster Award)



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