

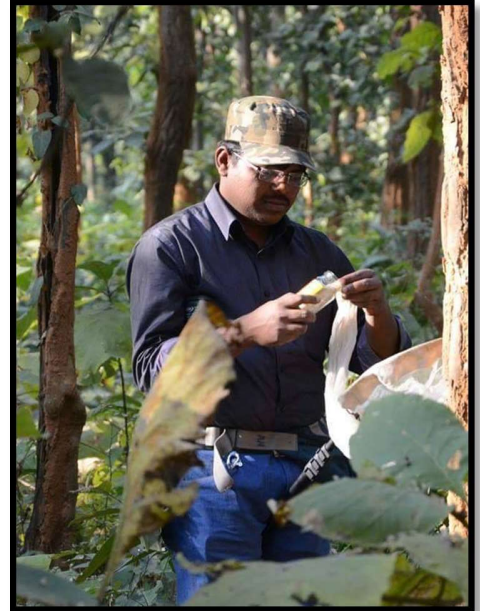
## Atanu Naskar

### Sr. Zoological Assistant

Diptera Section  
Zoological Survey of India, Kolkata  
M-Block, New Alipore  
Ministry of Environment, Forest and Climate Change  
Govt. of India

### Personal Details

Date of Birth: 19/07/1988  
Sex: Male  
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**Specialization:** Evolution, Systematics, Biology and Biography of Indian Diptera with special reference to high altitudinal flies.

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### Education

#### 1. Post-Graduation (M.Sc.) in Zoology

Affiliation: University of Calcutta  
Year of Passing: 2010  
Specialization: Ecology

#### 2. Graduation (B.Sc.) in Zoology

Affiliation: Maulana Azad College, University of Calcutta  
Year of Passing: 2008  
Subject: Zoology (Honours), Botany and Chemistry

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### Research Experience

#### 1. Project Fellow (27.09.2010-30.08.2011)

**Institute:** Department of Zoology, University of Calcutta

**Title of Research:** Screening of Anti Stress & Aging Defense Ingredients of Tea by Cell Biology Assay.

**Funding:** National Tea Research Foundation, Tea Board, Kolkata

**2. Research Fellow (22.09.2011- 02.06.2012)**

**Institute:** Department of Zoology, University of Calcutta

**Title of Research:** Assessment of Cellular Defense Profile on Stress and Aging in Drosophila and the Protective Effect of Black Tea Polyphenols in Aging and Heat Shock Induced Oxidative Stress.

**Funding:** University Grants Commission (UGC).

**3. Zoological Assistant (2012- 2013)**

**Institute:** Zoological Survey of India, Kolkata.

**Research Area:** Taxonomy, systematics and evolution of Dipteran flies.

**Funding:** Ministry of Environment, Forest and Climate Change (MoEF & CC), Govt. of India.

**4. Sr. Zoological Assistant (2013- Present)**

**Institute:** Zoological Survey of India, Kolkata.

**Research Area:** Taxonomy, systematics and evolution of Dipteran flies.

**Funding:** Ministry of Environment, Forest and Climate Change (MoEF & CC), Govt. of India.

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## Research Project

Sl. No.	Title of the Project	Funding Agency	Duration	Act As PI/CoPI	Total Approx Outlay in (Rs.)
1	Faunistic study (Insecta:Diptera) of Himachal Pradesh	ZSI, MoEFCC, GOI	2012-2014	CoPI	6.5 Lakhs
2	Diversity and Distribution of Diptera Fauna in the Sonamukhi Protected Forest, West Bengal	ZSI, MoEFCC, GOI	2013-2016	CoPI	7.2 Lakhs

3	Taxonomic studies on family Tabanidae (Insecta:Diptera) of West Bengal	ZSI, MoEFCC, GOI	2013-2016	CoPI	7 Lakhs
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### Field Experience: 2012-Present

Total Faunastic Survey: 23

International: 1

National: 22

National Park: 6

Wild Life sanctuary: 8

Protected Area: 2

State Fauna Survey: 7

### YEAR: 2012

#### National Park

Sl. No.	Name of the survey	Duration	Collaboration with	Funding Agency	Remarks
1	Preliminary report on Freshwater biodiversity in Wangchuck Centennial Park, Bumthang, Bhutan.	20 days 01.05.2012-20.05.2012	Wangchuck Centennial Park and WWF Bhutan	WWF Bhutan	The study consist of 18 sampling sites from where 1107 insect specimen belonging to nine orders were encountered. The report attempts to document the first freshwater macro-invetrbrates in the country.

#### Wild life Sanctuary

Sl. No.	Name of the survey	Duration	Collaboration with	Funding Agency	Remarks
2	Simbalwara Wild life Sanctuary	27/11/2012-28/11/2012 2 days	Miscellaneous Insect Order (MIO Section) of ZSI	MOEF&CC GOI	Survey report submitted
3.	Renuka Wet Land and Wlid life Sanctuary	29/11/2012-01/12/2012 3days	Miscellaneous Insect Order (MIO Section) of ZSI	MOEF&CC GOI	Survey report submitted

#### State fauna Survey

Sl. No.	Name of the survey	Duration	District cover	Collaboration with	Funding Agency	Remarks
4	Himachal Pradesh Survey	15.11.2012-04.12.2012 20 days	Bilaspur, Kangra Una Hamirpur Shimla Sirmour Solan	Miscellaneous Insect Order (MIO Section) of ZSI	MOEF&CC GOI	Survey report submitted

## Year: 2013

### National Park

Sl. No.	Name of the survey	Duration	Funding Agency	Remarks
5	Buxa tiger reserve and its adjoining area	30.09.2013-06.10.2013 7 days	MOEF&CC GOI	223 specimen of dipteran fauna (Insecta: Diptera) Collected and survey report submitted.
6	Gorumara National Park and its adjoining area	24.12.2013-02.01.2014 10 Days	MOEF&CC GOI	344 specimen of insect fauna (210 dipteran fauna and 134 other order) are collected and field report submitted.

### Wild life Sanctuary

Sl. No.	Name of the survey	Duration	Funding Agency	Remarks
7	Chail wild life sanctuary and its adjoining area	23.07.2013-24.07.2013 2 days	MOEF&CC GOI	152 specimen of dipteran fauna (Insecta: Diptera) Collected and survey report submitted.

### Protected Area

Sl. No.	Name of the survey	Duration	Funding Agency	Remarks
8	Sonamukhi Protected Forest Area	24.09.2013-29.09.2013 6 days	MOEF&CC GOI	646 insect specimens Collected and survey report submitted.

## State fauna Survey

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
9	Himachal Pradesh Survey	12.07.2013-25.07.2013 14 days	Kullu, Mandi, Solan	MOEF&CC GOI	574 insect specimens collected and survey report submitted

**Year: 2014**

## Protected Area

Sl. No.	Name of the survey	Duration	Funding Agency	Remarks
10	Sonamukhi Protected Forest Area	21.11.2014-05.12.2014 15 days	MOEF&CC GOI	572 insect specimens Collected and survey report submitted.

## State fauna Survey

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
11	West Bengal Survey	21.03.2014-30.03.2014 10 Days	Medinipore, Howrah, Hooghly	MOEF&CC GOI	223 insect specimens collected and survey report submitted
12	West Bengal Survey	07.06.2014-16.06.2014 10 Days	Darjeeling Jalpaiguri	MOEF&CC GOI	497 insect specimens collected and survey report submitted

**Year: 2016**

## State fauna Survey

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
13	West Bengal Survey	25.02.2016-07.03.2016 12 Days	Bankura	MOEF&CC GOI	639 insect specimens collected and survey report submitted

14	West Bengal Survey	29.03.2016-12.04.2016 15 Days	Murshidabad	MOEF&CC GOI	2390 insect specimens collected and survey report submitted
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### National Park

Sl. No.	Name of the survey	Duration	Funding Agency	Remarks
15	Neora Valley National Park, West Bengal	08.09.2016-26.09.2016 12 Days	MOEF&CC GOI	The survey was conducted under NMHS project. 639 insect specimens collected and survey report submitted.

### Wild life Sanctuary

Sl. No.	Name of the survey	Duration	Funding Agency	Remarks
16	Fauna of Baisipally and Satkosia WLS, Odisha.	16.11.2016 – 25.11.2016 10 days	MOEF&CC GOI	A total of 1931 examples was collected during the survey time of which 732 diverse groups of dipteran examples and survey report submitted.

### Year: 2017

#### State fauna Survey

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
17	Assam Survey	22.11.2017-06.12.2017 15 Days	11 district of Assam	MOEF&CC GOI	Survey covering 11 district and 3 National park and 4 Wild life sanctuary. The field report is submitted in this month.

#### National Park

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
18	Rajiv Gandhi Orang National Park	24.11.2017-26.11.2017	Darrang and Sonitpur districts	MOEF&CC GOI	A total of 484 examples was collected during the survey time. The field report is submitted in this month.

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
19	Kaziranga National Park, Assam	27.11.2017	Golaghat and Nagaon	MOEF&CC GOI	A total of 184 examples was collected during the survey time. The field report is submitted in this month.

### Wild life Sanctuary

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
20	Deepor Beel Wildlife Sanctuary, Assam	3.11.2017	Guwahati	MOEF&CC GOI	A total of 39 examples was collected during the survey time. The field report is submitted in this month.

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
21	Nambor Wildlife Sanctuary, Assam	29.11.2017	Karbi Anglong	MOEF&CC GOI	A total of 168 examples was collected during the survey time. The field report is submitted in this month.

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
22	Hoollongapar Gibbon Sanctuary, Assam	01.12.2017	Jorhat	MOEF&CC GOI	A total of 146 examples was collected during the survey time. The field report is submitted in this month.

Sl. No.	Name of the survey	Duration	District cover	Funding Agency	Remarks
23	Dehing Patkai Wildlife Sanctuary, Assam	04.12.2017	Dibrugarh and Tinsukia districts	MOEF&CC GOI	A total of 158 examples was collected during the survey time. The field report is submitted in this month.

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### Membership in Scientific Societies

1. Indian Science Congress Association.
  2. Zoological Society, Kolkata
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## New Discoveries: 2

Order: Diptera

Family: Tabanidae

1. *Tabanus (Tabanus) pseudoannularis* Maity, Naskar, Hazra, Sengupta, Parui and Banerjee, 2017.

Family: Asilidae

2. *Heligmonevra paruii* Naskar, Maity and Banerjee, 2018
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## New Records from States and UTs: 13

13 species were newly recorded from the States of Himachal Pradesh and 13 species also recorded newly from the States of West Bengal. Altogether 26 species were newly recorded from the state of Himachal Pradesh and West Bengal.

### State: Himachal Pradesh

Diptera

Family: Tabanidae

1. *Tabanus (Tabanus) diversifrons* Ricardo, 1911
2. *Tabanus (Tabanus) fuscomaculatus* Ricardo, 1911
3. *Tabanus (Tabanus) gertrudae* Philip, 1960
4. *Haematopota inconspicua* Ricardo, 1911
5. *Haematopota lata* Ricardo, 1906
6. *Haematopota latifascia* Ricardo, 1911
7. *Hippocentroides striatipennis* (Brunetti, 1912)

Family: Syrphidae

1. *Asarkina (Asarkina) ericetorum* (Fabricius, 1781),
2. *Chrytoxum convexum* Brunetti, 1923
3. *Paragus (Paragus) serratus* (Fabricius, 1805),
4. *Eristalinus (Eristalinus) megacephalus* (Rossi, 1794),
5. *Eristalinus (Eristalinus) quinquestriatus* (Fabricius, 1794),
6. *Syrpitta indica* (Wiedemann, 1824)

### State: West Bengal

Diptera

Family: Tabanidae



1. *Chrysops designatus* Ricardo, 1911
2. *Hybomitra subcallosa* (Ricardo, 1911)
3. *Tabanus dorsiger* Wiedemann, 1821
4. *Tabanus (Tabanus) biannularis* Philip, 1960
5. *Tabanus (Tabanus) optatus* Walker, 1856
6. *Haematopota inconspicua* Ricardo, 1911
7. *Haematopota sikkimensis* Stone & Philip, 1974
8. *Haematopota tessellata* Ricardo, 1906

Family: Syrphidae

1. *Asarkina (Asarkina) ericetorum* (Fabricius, 1781),
2. *Dideopsis aegrota* (Fabricius, 1805)
3. *Eupeodes (Metasyrphus) latifasciatus* (Macquart, 1829)
4. *Eristalinus (Eristalodes) taeniops* (Wiedemann, 1818)
5. *Phytomia (Phytomia) zonata* (Fabricius, 1787)

## Publication

### Summary

Sl. No.	Title	No. of Publication
1	Book Chapters	2
2	Occasional Paper	1
3	Original Research Paper	19
4	Checklist of Indian fauna	8
5	Papers published in seminar/Conference	14
<b>Total</b>		<b>44</b>

### Book Chapters

1. Banerjee D, **Naskar A**, Sengupta J, Hazra S, Mridha R and Parui P. (2017). Insecta: Diptera. In: Current status of fresh water faunal diversity in India. (Eds. Dr. Kailash Chandra, K.C. Gopi, D. V. Rao, K. Valarmathi and J.R.B Alfred), Director, *Zool. Surv. India*. Kolkata, India: Chapter **30** 467-485. *NAAS SCORE* 3.85.
2. Sengupta J, **Naskar A** and Banerjee D. (2017). Insecta: Diptera In Faunal Diversity Kalatop-Khajjiar Wildlife Sanctuary, District Chamba, Himachal Pradesh. (Eds. Dr. Kailash Chandra) Director, *Zool. Surv. India*. Kolkata, India: Chapter **5** 31-58. *NAAS SCORE* 3.85.

### Occasional Paper

3. Maity A, **Naskar A**, Homechaudhuri S and Banerjee D. (2017). Taxonomic Accounts of Horse flies (Insecta : Diptera : Tabanidae) of West Bengal. *Records of zoological Survey of India, Occ. Paper No.*, 381: 1-112. (Published by the Director, Zool. Surv. India, Kolkata). *NAAS SCORE* 3.85.

### Original Research Paper

4. **Naskar A** and Chatterjee R N (2011). The effect of tea polyphenols on heat stress and Life span of *Drosophila melanogaster*. *Perspectives in Cytology and Genetics* **15**:271-279.
5. **Naskar A** and Chatterjee R N (2012). Black tea polyphenols upregulate superoxide dismutase and catalase in Heat shocked *Drosophila*. *Proc. Recent trends in Zoology*. Pp 21-33.
6. **Naskar A** and Chatterjee R N (2013). Black tea extract enhanced the life span of heat stressed *Drosophila* by increasing the activity of Super Oxide dismutase (SOD1, SOD2) and Catalase. *Proceedings of National Seminar in Zoology*. Pp 199-207.
7. Maity A, **Naskar A**, Mukhopadhyay E, Hazra S, Sengupta J and Banerjee D (2015). Taxonomic studies on Tabanidae (Insecta: Diptera) from Himachal Pradesh, India. *International Journal of Fauna and Biological Studies*. **2 (3)**: 16-25.
8. Banerjee D, Kumar V, Maity A, Ghosh B, Tyagi K, Singha D, Kundu S, Laskar B, **Naskar A** and Rath S (2015). Discrimination of Surra disease vectors (Diptera: Tabanidae) through DNA barcoding in India. *Acta Tropica*. **150**: 52–58.
9. Maity A, **Naskar A**, Sengupta J, Hazra S, Parui P, Homechaudhuri S and Banerjee D (2016). New Distributional records of Tabanidae (Insecta: Diptera) from different Geoclimatic region of West Bengal. *Journal of Entomology and Zoology studies*. **4(4)**: 1291-1298.

10. Sengupta J, **Naskar A**, Maity A, Hazra S and Banerjee D. (2016). New distributional records and annotated keys of hover flies (insecta: diptera: syrphidae) from Himachal Pradesh, India. *Journal of Advanced Zoology*. **37 (1)**: 31-54.
11. Maity A, **Naskar A**, Sengupta J, Hazra S , Parui P, Homechaudhuri S and Banerjee D. (2016). An annotated checklist of Horseflies (Diptera: Tabanidae) from India with remarks on Surra disease vectors. *The Journal of Zoology Studies*. **3(4)**: 50-81.
12. Chakroborty A, **Naskar A**, Parui P and Banerjee D. (2016). Developmental Variation of Indian Thermophilic Variety of Scuttle Fly *Megaselia* (*Megaselia*) *scalaris* (Loew, 1866) (Diptera: Phoridae) on Different Substrates. *Scientifica*. **2016**:1-9.
13. Sengupta J, **Naskar A**, Maity A, Hazra S and Banerjee D. 2016. New distributional records and annotated keys of Hover flies (Insecta: Diptera: Syrphidae) from Himachal Pradesh, India. *Journal of Advanced Zoology*. **37(1)**: **31-54**.
14. Sengupta J, **Naskar A**, Maity A, Hazra S, Mukhopadhyay E, Banerjee D and Ghosh S. 2016. An Updated Distributional Account of Indian Hover flies (Insecta: Diptera: Syrphidae). *Journal of Entomology and Zoology studies*. **4(6)**: **381-396**.
15. Maity A, **Naskar A**, Sengupta J, Hazra S, Parui P, Homechaudhuri S and Banerjee D. 2016. Taxonomic notes on Tabanidae (Insecta: Diptera) of Sundarban Biosphere reserve and associated mangrove ecosystem of coastal region of West Bengal, India. *Journal of Advanced Zoology*. **37(2)**: **96-113**.
16. Maity A, **Naskar A**, Hazra S, Sengupta J, Parui P and Banerjee D. 2017. Taxonomic mapping of Tabanidae (Diptera: Tabanidae) from Darjeeling Himalaya, a part of Indo-Burmese Biodiversity hotspot. *Oriental Insects*. **51(1)**: **11-45**.

17. Maity A, **Naskar A**, Hazra S, Sengupta J, Parui P and Banerjee D. 2017. A new species of the genus *Tabanus* Linnaeus (Diptera: Tabanidae) from the West Bengal. *Indian Journal of Entomology*. **79(1): 6-8**. DOI: 10.5958/0974-8172.2017.00002.5
18. Mridha RS, Maity A, **Naskar A**, Ilango K and Banerjee D. 2017. Distribution and Systematic Accounts of Calliphoridae (Insecta: Diptera) in Sundarban Biosphere Reserve, West Bengal, India. *The Journal of Zoology Studies*. **4(1): 21-30**.
19. Hore G, Maity A, **Naskar A**, Ansar W, Ghosh S, Saha GK and Banerjee D. 2017. Scanning electron microscopic studies on antenna of *Hemipyrellia ligurriens* (Wiedemann, 1830) (Diptera: Calliphoridae)—A blow fly species of forensic importance. *Acta Tropica*. **172(2017): 20-28**.
20. Maity A, **Naskar A**, Sengupta J, Hazra S, Parui P, Homechaudhuri S and Banerjee D. 2017. Taxonomic accounts of horse flies (Diptera: Tabanidae) from arid zone, part of chotanagpur plateau, West Bengal. *Munis Entomology and Zoology Journal*. **12(2): 419-429**.
21. Sengupta J, **Naskar A**, Maity A, Hazra S, Sarkar NK and Banerjee D. 2017. Hover Flies (Diptera: Syrphidae) from Darjeeling Himalaya-A Part of Indo-Burmese Hotspot. *Indian Journal of entomology*, **79(3): 336-353**.
22. Maity A, **Naskar A**, Hazra S, Sengupta J, Banerjee D and Parui P. 2017. Tabanid Fauna (Diptera: Tabanidae) along the Lower Most Gangetic Plains of India: A Taxonomic Approach. *Indian Journal of entomology*, **79(3): 354-375**.

### Checklist

23. **Naskar A**, Bhattachaerya K K and Banerjee D (2012). A checklist of Indian Drosophilidae (Insecta: Diptera: Drosophilidae). [zsi.gov.in/App/importantlinks.aspx?link=209&reg=209](http://zsi.gov.in/App/importantlinks.aspx?link=209&reg=209).

24. **Naskar A**, Hazra S, Parui P and Banerjee D (2013). A checklist of India Crane Flies (Insecta: Diptera : Tipuloidea). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.
25. Chakraborty A, **Naskar A**, Hazra S, Maity A and Dhriti Banerjee (2013). A checklist of Indian Phoridae (Insecta: Diptera: Phoridae). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.
26. Chakraborty A, **Naskar A**, Hazra S, Maity A and Dhriti Banerjee (2014). A checklist of Indian black scavenger flies (Insecta: Diptera: Sepsidae). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.
27. Maity A, **Naskar A**, Mitra S, Chakraborty A, Hazra S and Banerjee D (2014). A checklist of Indian Louse flies (Insecta: Diptera: Hippoboscidae). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.
28. Mukhipadhyay E, **Naskar A**, Hazra S, Maity A, Sengupta J, Parui P and Banerjee D (2015). A checklist of Indian March Flies (Insecta: Diptera : Bibionidae). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.
29. Mukhopadhyay E, **Naskar A**, Hazra S, Maity A, Sengupta J, Parui P and Banerjee D.(2015). A checklist of Indian Thick headed Flies (Insecta: Diptera : Conopidae). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.
30. Maity A, Mukhopadhaya E, **Naskar A**, Hazra S, Sengupta J, Parui P and Banerjee D (2015). A checklist of Indian big headed flies (Insecta: Diptera : Pipunculidae). *zsi.gov.in/App/importantlinks.aspx?link=209&reg=209*.

#### **Papers published in seminar/Conference**

31. Bhattacharya KK, **Naskar A** and Banerjee D (2012). New record of Fruit-flies (Diptera: Tephritidae) from Ladakh. *National Biodiversity Congress*. Pp 92.

32. Mridha RS, **Naskar A**, Parui P and Banerjee D (2012). Diversity and Systematic accounts of Calliphoridae (Insecta: Diptera) in Sunderbans, West Bengal, India. *National Biodiversity Congress*, pp110.
33. **Naskar A** and Chatterjee R N (2013). Assessment of aging in non-heat shocked and heat shocked *Drosophila* in presence of Black tea extract. *Spring talks @ CU Zoology*, Pp 25.
34. Sengupta J, Maity A, Ansar W, **Naskar A**, Hazra S, Ghosh S, Sarka NK and Banerjee D (2014). Diversity of Diptera along an altitudinal gradient in the Himalayas: a case study in the Kalatop-Khajjar wild life sanctuary, Himachal Pradesh. *83<sup>rd</sup> Annual Meetings of SBC(I)*. Pp 5.
35. Maity A, Ansar W, Ghosh S, **Naskar A**, Hazra S, Kumar V and Banerjee D (2014). Biology, Ecology, Evolution, Taxonomy and Biochemical study of *Tabanus striatus*: A vector of medico-veterinary importance. *83<sup>rd</sup> Annual Meetings of SBC(I)*. Pp3.
36. Dutta S, Sengupta J, **Naskar A**, Maity A, Kumar V, Sarkar N K and Banerjee D (2015). Ecological factors favouring Hover-Fly (Diptera: Syrphidae) populations in the Eastern Himalayas. *Environmental Impact on Biodiversity and plant development* Pp 67.
37. **Naskar A** and Banerjee D. (2017). Impact of predation of robber flies (Insecta :Diptera: Asilidae) on insect fauna across the the dry deciduous forest landscape of Sonamukhi Protected forest, Bankura, West Bengal, India UGC sponsored two days National Seminar “Spare the Nature; Make the Earth Green” organized by Department of Zoology, Sonamukhi College in collaboration with Bankura Sammilani College, Bankura, West Bengal. Pp 21.
38. Maity A, **Naskar A**, Hazra S, Homechaudhuri S and Banerjee D. (2017). The Spatio-Temporal Distribution Pattern Of Horse Flies (Diptera: Tabanidae) In Darjeeling Himalaya: A Case Study On the Influence Of Climate Change Behind Vector Range

Expansion. Oral presentation at Fourth Indian Biodiversity Congress (IBC): Book of abstracts, held on 10 to 12<sup>th</sup> March at Pondicherry University, Puducherry. 01-OP04: 28.

39. **Naskar A**, Maity A, Homechaudhuri S and Banerjee D. (2017). High Altitudinal Landscape Affect the Predatory Efficiency Of Robber Flies (Insecta: Diptera: Asilidae) On Insect Fauna: A Case Study From Darjeeling Himalaya. Oral presentation at Fourth Indian Biodiversity Congress (IBC): Book of abstracts, held on 10 to 12<sup>th</sup> March at Pondicherry University, Puducherry. 01-OP05: 29.
40. Hazra S, **Naskar A**, Maity A and Banerjee D. (2017). Geo-Spatial Distribution Of Horse Flies (Insecta: Diptera: Tabanidae) Based On Seasonal Variation Across The Mangrove Ecosystem: A Case Study From Sundarban Biosphere Reserve, West Bengal. Oral presentation at Fourth Indian Biodiversity Congress (IBC): Book of abstracts, held on 10-12<sup>th</sup> March at Pondicherry University, Puducherry. 02-OP18: 195.
41. Sengupta J, **Naskar A**, Maity A, Hazra S, Hore G and Banerjee D. (2017). Topographical Pattern of Hover fly (Insecta: Diptera) distribution along an altitudinal gradient: Inconsistency in environmental factors and latitudinal trends. Book of Abstracts. National Seminar on “Recent Advance in Biological Sciences. Kolkata, 18.02.2017.P 12. Pp 22.
42. Maity A, **Naskar A**, Homechaudhuri S and Banerjee D. 2018. Taxonomic accounts and seasonal variation in spatial diversity and relative abundance pattern of Horseflies (Diptera: Tabanidae) from dry deciduous landscape of Sonamukhi protected forest area, West Bengal, India. *INTZOOCON, 2018: International Conference celebrating 100 years of Zoology, University of Calcutta*, held on 1-3<sup>rd</sup> February at Ramakrishna Mission Institute of Culture, Golpark, Kolkata. **PP-4: pp 54.**
43. **Naskar A**, Maity A, Homechaudhuri S and Banerjee D. 2018. Impacts of predatory Robber flies (Insecta: Diptera: Asilidae) on insect fauna across high altitudinal landscape of Himalayas. *INTZOOCON, 2018: International Conference celebrating 100 years of Zoology, University of Calcutta*, held on 1-3<sup>rd</sup> February at Ramakrishna Mission Institute of Culture, Golpark, Kolkata. **PP-10: pp 57.**

44. Sengupta J, **Naskar A**, Homechaudhuri S and Banerjee D. 2018. Conservation of Wetland implements Conservation of Species Diversity: A Case Study on Diversity of Dipteran flies from Renuka Wetland, Himachal Pradesh, India. *INTZOOCON, 2018: International Conference celebrating 100 years of Zoology, University of Calcutta*, held on 1-3<sup>rd</sup> February at Ramakrishna Mission Institute of Culture, Golpark, Kolkata. **PP-20: pp 62.**
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### **Participated as Resource person**

1. Act as resource person in DBT-Star College initiative one day workshop on “Hands on Training and Workshop on Taxonomy” organized by Maulana Azad College and Zoological Survey of India on 29<sup>th</sup> Aril, 2015.
  2. Participated as a resource person in Workshop on Collection, preservation and Identification of Insect and mites of Economic Importance held at Zoological Survey of India, Kolkata from 30-31<sup>st</sup> January, 2017.
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### **Training/Workshop**

1. Participated in one day seminar on “Perspectives in Evolutionary Biology” held on 27<sup>th</sup> February, 2009 organized by Department of Zoology, University of Calcutta, Kolkata.
2. Participated in one day seminar on “ Biodiversity: Technology Domains and Spatial Scale Analysis” held on 30<sup>th</sup> March, 2011 organized by Department of Zoology, University of Calcutta and The Zoological Society, Kolkata.
3. Participated in 100<sup>th</sup> Indian Science Congress held on 3<sup>rd</sup> January to 7<sup>th</sup> January, 2013 at University of Calcutta, Kolkata.
4. Participated in one day colloquium “Spring talks @ CU Zoology 2013” held on 23<sup>rd</sup> March , 2013 at Department of Zoology, University of Calcutta, Kolkata.



5. Participated in five days workshop on “ Molecular Phylogenetics” organized by Dr. K Praveen Karanth, IISc, Bangalore from 1<sup>st</sup> August -5<sup>th</sup> August, 2013.
  6. Participated in three days workshop on “ Collection, maintenance and identification of Zoological Specimens with special reference to the Schedule Mammals” held at Zoological Survey of India from 6<sup>th</sup> -8<sup>th</sup> March, 2013.
  7. Participated in two days workshop on “Training workshop on DSLR Macro Photography” held at Zoological Survey of India from 6<sup>th</sup> -7<sup>th</sup> March, 2014.
  8. Participated in “ National Conference on Animal Taxonomy- Challenges and Prospects” held on 13-15, February, 2015 at Zoological Survey of India, Kolkata.
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*Atanu Naskar*

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