

RESUME

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PERSONAL DETAILS

Born on *July 06, 1970*

Indian

Married

PRESENT ADDRESS

Natural City Housing Complex
Vivekananda College Rd.
Burdwan, Sripally
Purba Bardhaman 713103
West Bengal, India

BRIEF PROFILE

- **M.Sc.** in Zoology with special paper Entomology passed in 1994 (session 1991-1993)
- **Ph.D.** in Science from the University of Burdwan (2000) under the supervision of Prof. P. K. Chaudhuri, Dept. of Zoology, BU
- SLET (Life Sciences) qualified in 1997 (UGC accredited)
- **Serving as Professor since September 14, 2018**
- Served as Reader between November 16, 2007 and November 15, 2010, and re-designated as Associate Professor between November 16, 2010 and September 13, 2018
- Served as Lecturer and Sr. Lecturer in Balurghat College, Dakshin Dinajpur, West Bengal between March 05, 2001 and November 15, 2007
- Served as part-time lecturer in Hooghly Mohsin College between August 16, 2000 and February 28, 2001
- Served as part-time lecturer in Syamsundar College, Burdwan between February 19, 1999 and February 18, 2000
- SRF (Extended) (CSIR), Dept. of Zoology, The University of Burdwan between December 2000 and February, 2001
- SRF (State funded fellow), Dept. of Zoology, The University of Burdwan between June 1998 and April, 2000
- SRF (DST, Govt. of India), Dept. of Zoology, The University of Burdwan between June 1997 and 1998

- JRF (DST, Govt. of India), Dept. of Zoology, The University of Burdwan between June 1995 and 1997

BROAD RESEARCH AREA

Biosystematics and ecology of Chironomidae, Ceratopogonidae (Nematoceros Diptera), and Twisted-winged parasites Strepsiptera

SPECIFIC AREA OF INTEREST / FIELD OF SPECIALIZATION

1. Integrative taxonomy of lower Diptera: Chironomidae (Non-biting midges), Ceartopogonidae (Biting midges), and Strepsipteran parasites
2. Cladistic analysis to hypothesise tentative phylogeny using morphological data
3. Molecular phylogeny using COXI sequences
4. Host-parasite interactions: Strepsiptera on homopteran paddy pests

RESEARCH SUPERVISION

- Awarded **fourteen Ph.D.** students; submitted **two** students; presently supervising **four Ph.D.** students

Sl. No.	Name of the Scholar(s)	Title/Topic of the Thesis/research proposal	Status
1.	Debarshi Mondal	Integrative taxonomy of a few genera of tanypod midges (Diptera: Chironomidae) from West Bengal, India	09.02.2024 (awarded)
2.	Bindarika Mukherjee	Revision of <i>Harnischia</i> Complex of Chironomini Newman (Diptera: Chironomidae) from West Bengal, India	08.12.2023 (Awarded)
3.	Tuhar Mukherjee	Taxonomic revision of a few genera of non-biting chironomid midges (Diptera: Chironomidae) from India	18.09.2023 (Awarded)
4.	Somnath Chatterjee	Faunistic diversity and ecology of Culicoidini midges (Diptera: Ceratopogonidae) from the lower Gangetic deltaic plains of West Bengal, India	05.09.2023 (Awarded)
5.	Shubhranil Brahma	Systematics and biology of the genus <i>Dasyhelea</i> Kieffer, 1911 (Diptera: Ceratopogonidae: Dasyheleinae) of the deltaic proper of Gangetic West Bengal, India	27.12.2019 (Awarded)
6.	Sanghamitra Konar	Biosystematics of non-biting midges (Diptera: Chironomidae) of Rarh Bengal, India	11.09.2019 (Awarded)
7.	Poulami Saha	Biosystematics of Ceratopogoninae Newman (Diptera: Ceratopogonidae) from Northern Plains of West Bengal, India	December 13, 2019 (Awarded)
8.	Gargi Pal	Diversity and Ecology of midges (Diptera: Chironomidae: Chironominae) in Gangetic Plains of North Bengal, India	August 28, 2018 (Awarded)
9.	Sukhendu Roy	Systematics and life history strategies of strepsipteran parasitoids (Insecta: Strepsiptera) with their effects on Hemipteran hosts	August 31, 2018 (Awarded)

10.	Kaushik Sanyal	Studies on Biosystematics of Non-Biting Midges (Diptera: Chironomidae) from Sikkim Himalaya, India	November 21, 2017 (Awarded)
11.	Atrayee Dey	Utilization of bioencapsulated and bioenriched chironomid larvae (Diptera: Chironomidae) as live food for culture of <i>Clarias batrachus</i> (L.)	11 October, 2017 (Awarded)
12.	Buddhadev Mondal	Computational studies on sequence and structure of trans-membrane proteins related to pathogenesis caused by some selected viruses	November, 2017 (Awarded)
13.	Ujjwal Kumar Mandal	Faunistic Diversity of chironomine midges (Diptera: Chironomidae) along the course of the Ganges of the neoalluvial zone of West Bengal, India	May, 2015 (Awarded)
14.	Suman Deb	Studies on nuclear polyhedrosis (Grasserie disease) of silkworm, <i>Bombyx mori</i> Linnaeus in West Bengal and its management	March, 2014 (Awarded)
15.	Rifat Nawaz ul Islam	Development of Algorithm and Comprehensive Understanding of Secondary Structure in Protein Function	11.10.2023 (Submitted)
16.	Saikat Mondal	Studies on the zooplankton diversity in relation to the Water quality of open pit-lakes of Raniganj coal field area, West Bengal, India (R-Ph.D./Regn./Sc/Zoo/611)	05.12.2023 (Submitted)
17.	Gouri Sankar Pal	Biosystematic study of the genus <i>Forcipomyia</i> Meigen, 1818 (Diptera: Ceratopogonidae) from West Bengal (R-Ph.D./Regn./Sc/Zoo/74) (UGC-SRF)	28.11.2019 (Registered)
18.	Poulami Hui	Biosystematics of a few genera of twisted-winged parasites (Insecta: Strepsiptera) from India (CSIR-SRF)	25.01.2024 (BRS approved)
19.	Arabinda Mondal	Integrative taxonomy of Tanytarsine midges (Diptera: Chironomidae) from West Bengal, India (UGC-JRF)	25.07.2023 (pursuing course work)
20.	Achintya Mahato	Integrated taxonomy of Orthoclad midges (Diptera: Chironomidae) from West Bengal, India (SVMCM Scholar)	28.07.2023 (pursuing course work)

- Supervised **three M. Phil.** students

Sl. No.	Name of the M. Phil. Fellow(s)	Title of the Dissertation	Status
1.	Lipika Ghosh	Revision of the genus <i>Chironomus</i> Meigen, 1803 (Diptera: Chironomidae) from India	29.12.2023 (Submitted)
2.	Gargi Pal	Effects of some selected non-predators on the habitat of developing larvae of <i>Chironomus striatipennis</i> Kieffer (Diptera: Chironomidae)	Awarded (2011)
3.	Abhisake Bose	Bacterial association of chironomine larvae with reference to feeding habit and bioindicator potentiality (Diptera: Chironomidae: Chironominae)	Awarded (2010)

RESEARCH COLLABORATION

- *Shizuoka University, Japan*

MEMBERSHIP

- Zoological Association of Burdwan
- Author of FLY NAMES (Dipterist), Bishop Museum, Honolulu, Hawaii, USA

REVIEWER

- *Zootaxa*
- *Proceedings of the Entomological Society of Washington*
- *Proceedings of the Zoological Society, Kolkata*
- *Proceedings of the National Academy of Sciences, Biological Sciences*
- *Ecotoxicology and Environmental Safety*
- *International Journal of Nutrition and Metabolism (Academic Journal)*
- *African Journal of Agricultural Research*
- *Journal of Medical Entomology*
- *Zoological Systematics*
- *Sustainable Water Resources Management*

RESEARCH PROJECTS

Sl. No.	Title	Funding agency	Period	Grant / Amount mobilized (Rs. lakh)	Duration & Status
1.	Elucidating the species complex of biting midges <i>Culicoides</i> Latreille (Diptera: Ceratopogonidae) of veterinary importance using integrative taxonomy (file no.crg/2018/004076) (as CoPI)	SERB (DST), Govt. of India	July 30, 2019– February 12, 2023	₹ 40,30,535/-	3 & ½ yrs (Completed)
2.	Faunistic Diversity and Ecology of Culicoidini Midges (Diptera: Ceratopogonidae) from the Lower Gangetic Deltaic Plains of West Bengal, India (No. 703/ 3K(Bio)-1/2016, dated 15/11/2016) (PI)	West Bengal Biodiversity Board, Dept. of Environment, Govt. West Bengal	December 19, 2016- December 18, 2018	₹ 5,47,983/-	2 yrs (Completed)
3.	Biodiversity and Biogeographical patterns of non-biting midges (Diptera: Chironomidae) in streams of the Sikkim of the Himalaya hotspot (No. SR/SO/AS-135/2012) (Principal Investigator) (PI)	SERB (DST), Govt. of India	March 17, 2014– March 16, 2017	₹ 30,14,600/-	3 yrs (Completed)

4.	Systematics and Life history Strategies of Strepsipteran Parasitoids (Insecta: Strepsiptera) with Special Emphasis on Stylopisation of Pests of Rice Agro-Ecosystem in West Bengal (No.14/13/2012-ERS /RE) (Principal Investigator) (PI)	Ministry of Environment & Forest & Climate Change, Govt. of India	January 23, 2014 – January 22, 2017	₹32,03,751/-	3 yrs (Completed)
5.	Bioencapsulation and bioenrichment in chironomid larvae (Diptera: Chironomidae) and their utilisation as live food for juveniles of air breathing cat fish <i>Clarias batrachus</i> (Linnaeus)” (No. 41-2/2012 (SR)) (PI)	UGC (major)	July 01, 2012 – December 31, 2015	₹10,77,300/-	3 & ½ yrs (Completed)
6.	Diversity of chironomid midges (Diptera: Chironomidae) in the rice paddies of North Bengal, India (No.F. PSW-070/03-04 (ERO)) (PI)	UGC (minor)	August 11, 2004 – August 10, 2006	₹1,00,000/-	2 yrs (Completed)

INVITED TALK/RESOURCE PERSON

1. Participated as an invited participant and delivered a lecture on International Conference on Aquatic Resources & Sustainable Management, held on February 17-19, 2016, at Science City, Kolkata
2. Participated as an invited participant and delivered a lecture on International seminar on Exploring the modern approach in Biological Science: from Genome to Organism held on November 25-27, 2015, at Department of Zoology, Sidho-Kanho-Birsa University
3. Participated as an invited participant and delivered a lecture on State level seminar on Impact of pollution: assessment and awareness, held on February 14-15, 2014 at Hooghly Women's College, Hooghly
4. Acted as resource person in 5 th Refresher Course in life science, Academic Staff College, Golapbag, University of Burdwan, July 2013
5. Participated as invited participant and delivered an invited lecture on National seminar on “Recent advances in Life Sciences Application” on December 08-09, 2012, ABN Seal College, Coochbehar

ARTICLES

2024

1. B. Mukherjee, P. Hui, and **N. Hazra** (2024) First record of the genus *Conochironomus* Freeman (Diptera: Chironomidae) with integrative taxonomy of *C. Tobaterdecimus* (Kikuchi & Sasa) from India. *Indian Journal of Entomology*. Online published Ref. No. e24580. DoI. No.: 10.55446/IJE.2024.1580
2. G. S. Pal, L. Ghosh, and **N. Hazra** (2024) One new and first record of four species of genus *Forcipomyia* Meigen, 1818 (Diptera: Ceratopogonidae) from India. *Oriental insects*, 58(1): 137–156. (**Taylor & Francis**)
3. G. S. Pal, and **N. Hazra** (2024) Three new species of *Forcipomyia* (*Lepidohelea*) (Diptera: Ceratopogonidae) from West Bengal, India. *Zootaxa* (Accepted on February 14, 2024) (**Magnolia Press**)

2023

4. P. Hui, B. Mukherjee and **N. Hazra** (2023) *Coriophagus chaudhuri* sp. n. (Strepsiptera: Halictophagidae: Coriophaginae): A male strepsipteran from Jharkhand, India with a tentative phylogeny and world key to known males. *Zootaxa*, 5346(2): 131–150. (**Magnolia Press**)
5. G. S. Pal, S. Chatterjee, and **N. Hazra** (2023) Two new species of the subgenus *Lepidohelea* Kieffer of *Forcipomyia* Meigen (Diptera: Ceratopogonidae) from West Bengal, India. *Biologia*. <https://doi.org/10.1007/s11756-023-01531-2> (**Springer**)
6. P. Hui, S. Roy and **N. Hazra** (2023) Diversity and biology of the Indian Strepsiptera with a pictorial key. *Indian Journal of Entomology*. Online published Ref. No. e23364
7. B. Mukherjee and **N. Hazra** (2023) Taxonomic studies on *Harnischia* complex from India (Diptera: Chironomidae). *Zootaxa*, 5278(2): 239–263.
8. S. Mondal, D. Palit and **N. Hazra** (2023) Spatial pattern analysis of zooplankton and surface water of pit lakes (Raniganj Coal Field, India) *Water Science*, 7(1): 98–116.
9. G. S. Pal, S. Brahma, & **N. Hazra** (2023) One new species and new records of three species of the genus *Forcipomyia* Meigen, 1818 (Diptera, Ceratopogonidae) from West Bengal, India. *Evolutionary Systematics*, 7: 83–89. (PENSOFT)
10. B. Mukherjee, P. Hui, and **N. Hazra** (2023) Two new species of the genus *Paracladopelma* Harnisch of *Harnischia* complex from India (Diptera: Chironomidae). *Oriental insects*, doi.org/10.1080/00305316.2023.2170489 (**Taylor & Francis**)
11. P. Hui, B. Mukherjee and **N. Hazra** (2023) A new species of the genus *Tridactylophagus* Subramaniam, 1932 from West Bengal, India with a tentative phylogeny and world key to known males (Strepsiptera: Halictophagidae). *Zootaxa*, 5230(3): 296–304.
12. S. Brahma, S. Chatterjee, and **N. Hazra** (2023) Five new Indian species of the genus *Dasyhelea* Kieffer (Diptera, Ceratopogonidae) with a key to the adult males. *Evolutionary Systematics*, 7: 51–66. (PENSOFT)
13. P. Saha, G. S. Pal, S. Brahma and **N. Hazra** (2023). New Indian species of predaceous biting midges of the genus *Phaenobezzia* (Diptera: Ceratopogonidae). *Oriental Insects*, 57(1): 54–64. DOI: 10.1080/00305316.2022.2052199

14. **N. Hazra** (2022) Correction of taxonomic status of two species of *Stictochironomus* Kieffer (Diptera: Chironomidae) of India. *Zootaxa*, 5209(3): 399–400.
15. S. Deb, A.K. Sinha, A. Saha and **N. Hazra** (2022) Studies on synergistic effects of different bio-active chemicals on nuclear polyhedrosis (Grasserie Disease) of silkworm, *Bombyx mori* Linnaeus. *International Journal of Biological Studies*, 2(2): 1–20.
16. T. Mukherjee, D. K. Som & **N. Hazra** (2022) Two new species of *Pseudosmittia* Edwards, 1932 from India with a key to Oriental species adult males (Diptera: Chironomidae: Orthocladiinae). *Zootaxa*, 5200 (1): 051–062.
17. S. Mondal, D. Palit and **N. Hazra** (2022) Study on composition and spatio- temporal variation of zooplankton community in coal mine generated pit lakes, West Bengal, India. *Tropical Ecology*, 2: 352–368. <https://doi.org/10.1007/s42965-022-00274-6>
18. S. Brahma, S. Chatterjee, and **N. Hazra** (2022) Larval food analysis and qualitative determination of exoenzyme-producing gut bacteria in adult ceratopogonid midges (Diptera). *Entomology and Applied Science Letters*, 9(2): 38–47.
19. D. Mondal, T. Mukherjee and **N. Hazra** (2022) Two new species of *Monopelopia* Fittkau, 1962 from forests in India along with a key to adult males of Oriental and Palearctic species (Diptera: Chironomidae). *CHIRONOMUS Journal of Chironomidae*, 35: 32–42.
20. B. Mukherjee, and **N. Hazra** (2022) Two new species of *Demicroptochironomus* Lenz, 1941 from India with tentative phylogenetic relationship and a revised world key to known males (Diptera: Chironomidae). *Zootaxa*, 5175 (1): 088–100.
21. G. S. Pal and **N. Hazra** (2022) Addition of species to the hematophagous biting midges of *Forcipomyia* Meigen (Diptera: Ceratopogonidae) from West Bengal, India. *Journal of Entomological and Acarological Research*, 54:10429.
22. S. Chatterjee, G. S. Pal and **N. Hazra** (2022) Descriptions of two new species of *Culicoides* Latreille from Sundarbans, India with an adult key to the *ornatus* species group of the Oriental region (Diptera, Ceratopogonidae). *Evolutionary Systematics*, 6: 89–102.
23. D. Mondal, T. Mukherjee and **N. Hazra** (2022) On a new species of the genus *Zavrelimyia* Fittkau, 1962 (Diptera: Chironomidae) from India with cladistic relationship and a world key to the known males. *Zootaxa*, 5154(3): 365–379.
24. . T. Mukherjee, D. Mondal, and **N. Hazra** (2022) A Comparative analysis on the effects of temperature and humidity on selective species of Chironomid Midges from West Bengal, India. *Environment and Ecology*, 40(2B): 753–760.
25. S. Chatterjee, S. Brahma, and **N. Hazra** (2022) Immature stages of *Culicoides innoxius* Sen & Das Gupta and pupa of *C. huffi* Causey (Diptera: Ceratopogonidae) from India. *Journal of Insect Biodiversity*, 032 (2): 037–047.
26. B. Mukherjee, and **N. Hazra** (2022) First records of three genera, *Cyphomella* Sæther, 1977, *Olecryptotendipes* Zorina, 2007 and *Robackia* Sæther, 1977 of the *Harnischia* complex from India with description of *O. extensus* sp. n., *O. obtusus* sp. n. and *R. aequilongia* sp. n. (Diptera: Chironomidae). *Zootaxa*, 5091(2): 330–340.

2021

27. D. Mondal, T. Mukherjee, and **N. Hazra** (2021) A new species of *Procladius* Skuse (Diptera, Chironomidae) and first record of *P. culiciformis* (Linnaeus) from India with a key and tentative phylogenetic relationship within the genus. *Journal of Insect Biodiversity*, 029(1): 016–031.
28. K. Sow, T. Mukherjee and **N. Hazra** (2021) Integrative Taxonomy of *Triozocera pugiopennis* Chaudhuri et Das Gupta, 1979 (Strepsiptera: Corioxenidae) from India. *Proceeding of the Zoological Society*, 74(3): 305–312. <https://doi.org/10.1007/s12595-021-00374-6> (Springer)
29. S. Mondal, D. Palit and **N. Hazra** (2021) Rotifer Diversity in Coal Mine Generated Pit Lakes of Raniganj Coal Field Area, West Bengal, India. *LIMNOFISH-Journal of Limnology and Freshwater Fisheries Research*, 7(2): 115–127.

2020

30. B. Mukherjee, T. Mukherjee, and **N. Hazra** (2020) A new species of the genus *Cryptotendipes* Beck et Beck, 1969 (Diptera:Chironomidae) from India, with a world key to the males and tentative phylogenetic relationship. *Zootaxa*, 4896(2): 201–223.
31. S. Chatterjee, S. Brahma and **N. Hazra** (2020) Two new species of *Culicoides* Latreille (Diptera: Ceratopogonidae) from the Gangetic plains of West Bengal, India with a key to the Indian species. *Oriental insects* doi.org/10.1080/00305316.2020.1775718 (**Taylor & Francis**)
32. A.K. Bandyopadhyay, R.N. Ul Islam, and **N. Hazra** (2020) Salt-bridges in the microenvironment of stable protein structures. *Bioinformation*, 16(11): 900–909.
33. T. Mukherjee, B. Mukherjee and **N. Hazra** (2020) Revision of the Oriental species of *Polypedilum* Kieffer (Diptera: Chironomidae) with their phylogenetic relationship. *Zootaxa*, 4820(1): 031–069.
34. D. Mondal, T. Mukherjee and **N. Hazra** (2020) A new species of the genus *Larsia* Fittkau (Diptera: Chironomidae) from India, with cladsitic analysis and a world key to the known males. *Zootaxa*, 4859 (3): 342–354. (Magnolia)
35. S. Brahma, S. Chatterjee and **N. Hazra** (2020) Three new species of *Dasyhelea* Kieffer and new record of *D. flaviformis* Carter, Ingram and Macfie (Diptera: Ceratopogonidae) from the Deltaic Proper of Gangetic West Bengal, India. *Journal of Insect Biodiversity*, 016(2): 55–80.

2019

36. P. Saha, S. Brahma and **N. Hazra** (2019) Three new species of predaceous midges *Brachypogon* Kieffer from northern plains of West Bengal, India (Diptera: Ceratopogonidae) *Oriental insects*, 54(2): 241–258. <https://doi.org/10.1080/00305316.2019.1616000> (**Taylor & Francis**) (Published online: 27 May 2019)
37. T. Mukherjee, G. Pal & **N. Hazra** (2019) On a new species of the genus *Dicrotendipes* Kieffer, 1913 from West Bengal, India with cladistic analysis and key to Oriental species (Diptera: Chironomidae). *Oriental insects*, 54(2): 216–240.

2018

38. P. Saha and **N. Hazra** (2018) First record of an extant and new species of the genus *Serromyia* Meigen from India (Diptera: Ceratopogonidae). *Annales de la Société entomologique de France (NS)*, 54(1): 45–50, DOI10.1080/00379271.2017.1407959 (**Taylor & Francis**)
39. P. Saha and **N. Hazra** (2018) On a new species of the genus *Tetrabezziia* Kieffer from West Bengal, India, with a key to World species (Diptera: Ceratopogonidae). *Polish Journal of Entomology*, 87(3): 289–

298. (De Gruyter)

40. S. Brahma and N. Hazra (2018) Additions to the species of *Dasyhelea* KIEFFER, 1911 (Diptera: Ceratopogonidae) from West Bengal, India. *Polish Journal of Entomology*, **87**(4): 349–369. (De Gruyter)
41. S. Chatterjee, S. Brahma and N. Hazra (2018) Seasonal Abundance of *Culicoides* Latreille and *Dasyhelea* Kieffer (Diptera: Ceratopogonidae) in an Agricultural Farm, West Bengal, India. *Environment and Ecology*, **37**(1): 149–155.

2017

42. P. Saha, S. Brahma and N. Hazra (2017). Descriptions of a new species and the pupae of two known species of *Culicoides* Latreille (Diptera: Ceratopogonidae) from India. *Annales de la Société entomologique de France (NS)*, **53**(6): 413–421, <http://dx.doi.org/10.1080/00379271.2017.1373259> (Taylor & Francis)
43. S. Konar and N. Hazra (2017) A new species of *Polypedilum* Kieffer, 1912 (Diptera: Chironomidae) from India. *Oriental Insects* <http://dx.doi.org/10.1080/00305316.2017.1282891> (Taylor & Francis)
44. S. Roy and N. Hazra (2017). Two new species of Myrmecolacidae (Strepsiptera) with first record of the genus *Stichotrema* Hofeneder from India. *Annales de la Société entomologique de France (NS)*, **53**(5): 334–343, DOI: <http://dx.doi.org/10.1080/00379271.2017.1357499>. (Taylor & Francis)
45. A. Dey, K. Ghosh and N. Hazra. (2017). Improvement of Growth and Survival of the Juvenile Walking Catfish, *Clarias batrachus* (L.) (Siluriformes: Clariidae) Fed on Probiotics Encapsulated and Ascorbic Acid Enriched Chironomid Larvae (Diptera: Chironomidae). *Proceeding of the Zoological Society, Kolkata*, 1–9. <http://dx.doi.org/10.1007/s12595-017-0236-9> (Springer)
46. G. Pal and N. Hazra (2017). Description of *Chironomus bifidus* sp. N. And first record of *Ch. crassiforceps* (Kieffer, 1916) from India (Diptera: Chironomidae: Chironominae). *Far Eastern Entomologist*, **338**: 10–15.

2016

47. S. Roy and N. Hazra (2016) Two new species of Halictophagidae (Insecta: Strepsiptera) including the first record of genus *Coriophagus* Kinzelbach from India, *Zootaxa*, **4189**(1): 581–587. (Magnolia)
48. S. Roy and N. Hazra (2016) First record of one genus of Strepsiptera (Insecta) with description of two new species of Halictophagidae from India, *Zootaxa*, **4154** (5): 567–573 (Magnolia)
49. S. Brahma, P. Saha and N. Hazra (2016). Two new species and new records of biting midges of the genus *Dasyhelea* Kieffer (Diptera: Ceratopogonidae) from India. *Annales de la Société entomologique de France (NS)*, **52**(4): 233–242. (Taylor & Francis)
50. N. Hazra, S. Brahma, and K. Sanyal (2016). New Species of *Rheotanytarsus* Thienemann and Bause (Diptera: Chironomidae: Tanytarsini) from Darjeeling–Sikkim, Himalaya, India, with Revised Keys to the Adult Males and Pupae of the Species of the Oriental Region. *Psyche: A Journal of Entomology*. Article ID 5924521, 14 pages <http://dx.doi.org/10.1155/2016/5924521> (Hindawi Publishing Corporation)
51. A. Dey, K. Ghosh and N. Hazra. (2016). Evaluation of extracellular enzyme-producing autochthonous gut Bacteria in Walking Catfish, *Clarias batrachus* (L.). *Journal of Fisheries*, **4**(1): 345–352. (BdFISH)
52. K. Sanyal and N. Hazra. (2016). A new species of the genus *Procladius* skuse, 1889 (Diptera: Chironomidae) from India. *Far Eastern Entomologist*, N 319: 17–24.
53. B. Mondal, P.S. Sen Gupta, C. Roy, R.N.U. Islam, N. Hazra and A. K. Bandyopadhyay (2016). Comparative studies on sequence, structure and SNPs of E1 envelope glycoprotein of Chikungunya circulating in Maharashtra and West Bengal States of India. *International Journal of Pharma and Bio Sciences*, **7**(2): 406–417.

54. S. Roy and **N. Hazra** (2016). Seasonal variation of stylopization on white leafhopper *Cofana spectra* (Distant) (Homoptera: Cicadellidae) by *Halictophagus australensis* Perkins (Strepsiptera: Halictophagidae). *Journal of Entomology and Zoology Studies*, 4(2): 82–85.
55. **N. Hazra** (2016). First record of common Indian Treefrog, *Polypedates maculatus* (Gray) (Amphibia: Anura: Rhacophoridae) in Burdwan, West Bengal, India. *Journal of Entomology and Zoology Studies*, 4(5): 231–234.

2015

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