



**Prof. Dr. Md Ruhul Amin**  
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I have been serving as an academician and researcher since 1997, and have gained knowledge on insect conservation and biodiversity, monitoring and survey, plant-insect interactions, insect and mite population dynamics, insect pollination, management of insect and mite pests of agricultural crops, and pesticide management. Nevertheless, I am engaged with different learned and social organizations, and come up with significant contributions as a potential and dynamic academician, researcher, administrator and community organizer. Because of my outstanding contribution in Entomology, I have received Zoological Society of Bangladesh Fellowship 2022, Best Researcher Award 2021 and 2022 of Bangabandhu Sheikh Mujibur Rahman Agricultural University Teacher's Association, Publication Award 2022 of Cyanir, Tangail.

### Employment

Professor (Grade 1)	Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), February 2022 to till date.
Professor	Department of Entomology, BSMRAU, July 2012 to February 2022.
Professor	Department of Entomology, Hajee Mohammad Danesh Science and Technology University (HSTU), December 2011 to July 2012.
Associate Professor	Department of Entomology, HSTU, June 2008 to December 2012.
Assistant Professor	Department of Entomology, HSTU, May 2004 to June 2008.
Visiting Lecturer	Khulna University, Khulna, September 2002 to November 2002.
Lecturer	Department of Entomology, HSTU, November 1997 to May 2004.
Scientific officer	Bangladesh Jute Research Institute, June 1996 to November 1997.

### Education

PhD (Entomology)	2007, GPA 3.81/4.00, Kyungpook National University, Korea
MS (Entomology)	1996, 1 <sup>st</sup> Class, Bangladesh Agricultural University
BSc (Agriculture)	1991 (Held in 1995), 1 <sup>st</sup> Class, Bangladesh Agricultural University
HSC (Science)	1986, 1 <sup>st</sup> Division, Board of Intermediate and Secondary Education, Dhaka
SSC (Science)	1984, 1 <sup>st</sup> Division, Board of Intermediate and Secondary Education, Dhaka

### Postdoctoral Research

2014-2015	Institute of Plant Medicine, Kyungpook National University, Korea
2013-2013	Institute of Zoology, Chinese Academy of Sciences, Beijing, China
2011-2012	Institute of Agricultural Sciences, Andong National University, Korea
2009-2010	School of Biological and Environmental Sciences, University of Stirling, UK

**Training Attended (Overseas)**

- Advancing Strategy for Insect Industry and Environment-friendly Agriculture, Institute of Industrial Entomology, Yeacheon, Korea
- Strengthening Leadership Capacity in Higher Education, British Council and University of Manchester, UK

**Training Attended (In-country)**

- Extension Field Trip, Bangladesh Agricultural University, Mymensingh
- Conduct Discipline and Protocol Training Course, Bangladesh Public Administration Training Center, Dhaka
- Financial Administration Training Course, Bangladesh Public Administration Training Center, Dhaka
- Advanced Computer Science, Bangladesh Computer Education, Dinajpur
- Relational Database Management System Using Oracle, Islamic University of Technology, Gazipur
- Project Planning and Writing, British Council, Dhaka
- Launching of International Strategic Partnerships in Research and Education, British Council, Dhaka
- Teaching Methods, Learning Assessment and Curriculum Development, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur

**Fellowships and Awards**

- Korean Foundation for Science and Technology Fellowship (2014-2015)
- Korean Foundation for Science and Technology Fellowship (2011-2012)
- CAS-TWAS Visiting Fellowship (2013)
- Commonwealth Academic Staff Fellowship (2009-2010)
- Zoological Society of Bangladesh Fellowship 2022
- Best Researcher Award of BSMRAU 2021
- Best Researcher Award of BSMRAU 2022
- Publication Award (Cyanir, Tangail) 2022

**Specialization**

- Insect phenotypic plasticity
- Insect nutritional ecology
- Plant- insect- predator interactions
- Insect pollination
- Insect and mite pest population dynamics
- Insect and mite pest management
- Pesticide management
- Screening of plant genotypes

### **Courses Taught**

Graduate Program	ENT 531 Insect Taxonomy
	ENT 516 Principles of Insect Control
	ENT 578 Industrial Entomology
Undergraduate Program	ENT 175 Insect Morphology
	ENT 250 Insect Taxonomy
	ENT 265 Insect Ecology
	ENT 370 Economic Entomology
	ENT430 Insect Pest Management

### **Administrative Positions Hold**

Director (Outreach)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, July 2019 to June 2021.
Director (Student Welfare)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, July 2017 to June 2019.
Head of the Department	Dept. of Entomology, BSMRAU, March 2016 to March 2018
Director (Transport)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, May 2016 to June 2016.
Provost	Bangamata Sheikh Fazilatunnessa Mujib Hall, BSMRAU, July 2015 to June 2017.
Head of the Department	Dept. of Entomology, BSMRAU, November 2013 to March 2014.
Provost	Ila Mitra Hall, BSMRAU, December 2012 to March 2014.
Director (Physical Education)	Hajee Mohammad Danesh Science & Technology University (HSTU), February 2012 to July 2012.
Associate Director	Institute of Research and Training, HSTU, May 2010 to March 2011.
Proctor	Hajee Mohammad Danesh Science & Technology University, June 2007 to September 2009.
Dormitory Super	Student Dormitory, HSTU, March 2007 to September 2009.

### **Executive Positions in Professional Organizations/Institutes**

President	Ecological Society of Bangladesh (February 2022 to till date)
General Secretary	Bangladesh Entomological Society (March 2022 to till date)
Board of Studies Member	Department of Entomology, BAU (July 2021 to till date)
Executive Member	Zoological Society of Bangladesh (March 2020 to till date)

### **Positions in Different Journal Editorial Board**

Member	Bangladesh Journal of Entomology (March 2022 to till date)
Member	Journal of Entomological Research (July 2021 to till date)
Executive Editor	Ecology Journal (February 2019 to till date)
Member	Annals of Bangladesh Agriculture (July 2018 to till date)

**Serving as an External Examiner of Different Universities**

- Bangladesh Agricultural University
- Sher-e-Bangla Agricultural University
- Rajshahi University
- Sylhet Agricultural University
- Khulna University
- Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Gopalganj
- Noakhali Science and Technology University
- Patuakhali Science and Technology University

**Serving as an Expert Member in Research Review/Project Evaluation Workshop of the Organizations**

- Department of Agricultural Extension, Dhaka
- Bangladesh Agricultural Research Council, Dhaka
- Bangladesh Agricultural Research Institute, Gazipur
- Bangladesh Rice Research Institute, Gazipur
- Cotton Development Board, Dhaka
- Krishi Gobeshona Foundation, Dhaka

**Serve as a Trainer in Different Organizations**

- Bangabandhu Sheikh Mujibur Rahman Agricultural University
- Department of Agricultural Extension
- Bangladesh Agricultural Research Council
- Bangladesh Agricultural Research Institute
- National Agriculture Training Academy
- Cotton Development Board
- Food and Agricultural Organization
- Center for Agriculture and Bioscience International

**Life Member/Fellow of Professional Organizations**

- Bangladesh Entomological Society
- Krishibid Institution Bangladesh
- Bangladesh Society of Agroforestry and Environment
- Bangladesh Society for Conservation of Environment and Natural Resources
- Bangladesh Association for the Advancement of Science
- Bangladesh Academy of Agriculture

- Bangladesh Agricultural University Alumni Association
- Zoological Society of Bangladesh
- Bangladesh Association of Commonwealth Scholars and Fellows
- Ecological Society of Bangladesh
- Indian Ecological Society
- Starling University Alumni Association
- Kyungpook National University Alumni Association
- Society of Pesticide Science India
- Entomological Society of India

#### **Countries Visited**

- Korea
- United Kingdom
- China
- India
- Bhutan
- Nepal

#### **Major Leadership Positions in Academic, Social and Cultural Activities in Professional and Student life**

Vice President	Teachers Council, BSMRAU (2020 -2021).
Member	Teachers Council, BSMRAU (2019).
Chancellor-Nominated Expert Member	Teacher Appointment Board, HSTU (2019 -2021)
Member	Trust Fund, BSMRAU (2020 -2021).
Member	Research Management Committee, BSMRAU (2019 -2021)
Expert Member	Teacher Appointment Board, BSMRAU (2018- 2021)
Member	Planning and Development Committee, BSMRAU (2019 -2021)
Chief Advisor	Kaler Kantha Shuvo Shongho, BSMRAU (2018-2020)
Convener	Narcotics Control Committee, BSMRAU (2018 to 2020).
Advisor	Magazine 'Paribartan', BSMRAU (2017-2019)
Member Secretary	National Day Celebration Committee, BSMRAU (2017-2019)
Chief Advisor	Debating Club, BSMRAU (2017-2019)
Member	Pesticide Technical Advisory Committee, DAE (2016-2018)
Member	Academic Council, BSMRAU (July 2012 to till date)
President	Greater Mymensingh Association, HSTU (2010-2011)
Vice President	Dhaka Division Association, HSTU (2010-2011)
Executive Member	Progressive Teachers' Forum, HSTU (2009-2012)
Member	Association of the Universities in Bangladesh (2012)

Chairman	Dormitory Super Council, HSTU (2008 - 2009)
Member Secretary	Community Council, HSTU (May 2002 to February 2004)
Executive Member	Teacher's Council, HSTU, Dinajpur (2002-03)
General Secretary	University Club, HSTU (1999-2004)
Election Commissioner	Employees Association Election 1999-2000, HSTU
Advisor	Orko Shangskritik Jote, HSTU (1998 to 2004)
Member	Academic Council, HSTU (1998-2001)
Elected Member	Isha khan Hall Students' Union, BAU (1989-1990)

### **Number of Graduate Students Supervision**

Served as supervisor of MS student	41
Served as supervisor of PhD student	01
Served as co-supervisor of MS student	42

**Crop Variety Development** BU Sweet Corn 1

### **Research Projects Ongoing (Total 01)**

2023-2026 Integrated Management of Arthropod Pests of Malta and Dragon Fruit Crops in Madhupur Tract of Bangladesh. Funded by Krishigobeshona Foundation.

### **Research Projects Accomplished (Total 19)**

2022-2023	Assessing Potential Impact of Bt Eggplants on Non-Target Arthropods in Bangladesh
2021-2024	Physiomorphic characterization of introduced sweet corn genotype and screening against pests. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University.
2021-2024	Physiomorphic characterization and assessment of pest potential of introduced sweet gourd genotype for development of variety. Funded by Ministry of Science & Technology, Bangladesh.
2019-2022	Insect pests of mango and their management: role of pollinators on fruit set. Funded by Ministry of Science & Technology, Bangladesh.
2019-2021	Diversity and bio-economics of insect and mite species in chili field. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University.
2019-2021	The physio-morphic characters of the okra plant and their relationship with sucking insect pest population dynamics. Funded by University Grants Commission, Bangladesh.
2019-2020	Determination of baseline of diamide product on rice yellow stem borer and dark headed stem borer. Funded by Syngenta Bangladesh Limited.

- 2018-2019 Population dynamics and harmful effects of aphid on different mustard varieties. Funded by University Grants Commission, Bangladesh.
- 2017-2018 Arthropod pests infesting ornamental plants in Bangladesh: strategies for management. Funded by Bangladesh Agricultural Research Council.
- 2016-2017 Population dynamics of eriophyid mite *Aceria guerreronis* and its associated predatory mite *Neoseiulus paspalivorus* on coconut. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University.
- 2016-2017 Effects of intercropping systems on arthropod community composition in vegetable field: impacts on crop yield and seed quality. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University.
- 2016-2017 Seasonality of the fruit fly in a mango-based agroforestry. Funded by Ministry of Science and Technology, Bangladesh.
- 2016-2017 Assessment of bean aphid population dynamics, infestations and deleterious effects on four bean species. Funded by University Grants Commission, Bangladesh.
- 2015-2016 Insect abundance and diversity in agroforestry system and role of weather parameters on population dynamics. Funded by Ministry of Science and Technology, Bangladesh
- 2015-2016 Chemodynamics of cypermethrin insecticide in tomato ecosystem. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University
- 2013-2014 Nutritional indices and biology of the armyworm, *Spodoptera litura* on five cotton varieties. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University
- 2012-2013 Diversity, abundance and impacts of insect visitors on mango-based agroforestry system. Funded by Bangabandhu Sheikh Mujibur Rahman Agricultural University
- 2011-2012 Foraging behavior of *Helicoverpa armigera* (Lepidoptera: Noctuidae) first instar larvae on three cotton cultivars. Funded by Hajee Mohammad Danesh Science and Technology University
- 2010-2011 Food quality affects the life history of cotton caterpillar, *Spodoptera litura* (Lepidoptera: Noctuidae). Funded by Hajee Mohammad Danesh Science and Technology University

### List of Publications

#### Book (Total 02)

Amin MR, Hossain MS and Suh SJ. 2023. Fundamentals of Entomology.

Amin MR. 2023. Agricultural Entomology.

#### Book Chapter (Total 03)

**Amin MR.** 2019. Insect pest control in rice seed crop. Edited by Haque MM, Islam AA and Amin MR. In: Short Course on Seed Science and Technology. Publ. Director (Outreach), Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

**Amin MR.** 2018. Sampling procedures of different arthropods emphasize on biological control agents. In: SAARC Regional Training on Integrated Pest Management. Edited by Alam SN, Sarkar MA, Pandey PR and Bokhtiar SM. SAARC Agriculture Centre, Farmgate, Dhaka 1215. Pp. 13-20.

**Amin MR,** Azad HMS, Hossain SMA and Tithi DA. 2013. Pest, predator and pollinator abundance in the cotton field of Bangladesh: A climate change country. In: Climate Change and Environment. Edited by Sundaresan J, Sreeekesh S, Ramanathan AL, Sonnenschein L and Boojh R. Scientific Publishers (India). Pp. 100-106.

### **Booklet (Total 03)**

**Amin MR** and Afroz M. 2021. An Introduction to the Insect Pollinator, Predator and Parasites of Mango Orchard (Bangla Language). Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

**Amin MR.** 2020. Insect pests of mango and their management (Bangla Language). Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

**Amin MR,** Rahman H, Islam MA. 2018. Arthropod pests of ornamental plants in Bangladesh and their management ((Bangla Language). Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

### **Fact Sheet (Total 01)**

**Amin MR,** Miah MRU, Afroz M and Moon TT. 2023. BU Misti Butta 1.

### **Research Articles Published in SCOPUS Indexed Journal (Total 56)**

Moon TT, Miah MRU, Islam MT, Afroz M and Amin MR. 2024. Foraging insects on sweet corn plants at Gazipur in Bangladesh. Journal of Entomological Research. 48: 408-412.

Ahmed F, Amin MR, Rahman MM, Alam MZ, Afroz M and Suh SJ. 2024. Toxicity of chemical insecticides and neem oil on cucurbit fruit fly *Bactrocera cucurbitae*. Agricultural Science Digest. 44: 495-499.

Haque FTI, Miah MRU, Mannan MA, Afroz M and Amin MR. 2024. Potential damage and growth of cucurbit fruit fly on bitter melon under different temperatures. Journal of Entomological Research. 48: 157-161.

Miah ML, Hossain MS, Afroz M, Rahman MM and **Amin MR.** 2024. Host plant characteristics affect the abundance of thrips and jassid on okra. Journal of Entomological Research. 48: 1-6.

Tora TI, Rahman MM, Afroz M, Miah MRU, **Amin MR,** Kabir MH, Rahman MM, Hassan J and Biswas JC. 2023. Effect of different temperatures on developmental periods and production of fruit fly (*Bactrocera cucurbitae*). Serangga. 27: 110-123.

Rahman M, **Amin MR,** Rahman MM, Afroz M, Talukfer MR, Samiha A and Hossain MS. 2023. Assessment of leaf properties on mustard varieties exhibiting resistance to aphid and sawfly infestation. Serangga. 27: 80-90.



- Khanam S, Gomasta J, Rahman MM, **Amin MR**, Mallick SR and Kayesh E. Chitosan and probiotic bacteria promotion of yield, post-harvest qualities, antioxidant attributes and shelf life of broccoli heads. *Agriculture and Natural Resources*. 57: 709-720.
- Mondal AR, Miah MRU, Miah MY, Afroz M, Mazed MK, Suh SJ and **Amin MR**. 2023. Management of sucking insect pests of tomato (*Solanum lycopersicum*) with insecticides and their impact on beneficial arthropods. *Indian Journal of Agricultural Sciences*. 93: 637-641.
- Hossain MS, Afroz M, Mazed MK, Miah MRU and **Amin MR**. 2022. Biochemical constituents in okra cultivars affect the infestation of shoot and fruit borer. *Journal of Entomological Research*. 46: 944-948.
- Shahrin R, Suh SJ and **Amin MR**. 2022. Population dynamics of sucking insects on tomato. *Journal of Entomological Research*. 46: 810-815.
- Sakib N, **Amin MR**, Hossain MS and Islam AKMA. 2022. Resistance to diamide insecticides in stem borers of rice in Bangladesh. *Indian Journal of Ecology*. 49: 2219-2222.
- Joaty JY, Rahman MM, **Amin MR**, Khan MAR and Hassan J. 2022. Mitochondrial DNA-based phylogeny and haplotype networking of European honeybee *Apis mellifera* L. in Bangladesh. *Serangga*. 27: 220-237.
- Amin MR**, Oh SD, Afroz M, Park SY, Yun DW, Ryu TH, Lee SK, Ha K, Bae E, Kang S, Kim CG, Eun CU, Kim YK, Kim M, Kim D, Kim D and Suh SJ. 2022. Influence of genetically modified soybean expressing epidermal growth factor on arthropod biodiversity. *GM Crops and Food*. 13: 299-308.
- Afroz M, Miah MRU, Hossain MM and **Amin MR**, 2022. Physico-chemical leaf attributes of sweet gourd influence the infestation of red pumpkin beetle. *Journal of Entomological Research*. 46: 440-445.
- Afroz M, **Amin MR**, Miah MRU and Hossain MM. 2022. Effect of leaf characteristics of the sweet gourd germplasms on the population abundance and infestation of epilachna beetle (*Epilachna* spp.). *Serangga*. 27: 72-82.
- Amin MR**, Oh SD, Park SY, Ha K, Kang S, Park JH, Kim M, Eun CU, Kim YK and Suh SJ. 2022. The effect of thioredoxin-gene-expressed transgenic soybean on associated non-target insects and arachnids. *Plant Biotechnology Reports*. 16: 79-90.
- Hossain MS, Mazed MK, Afroz M, Miah MRU, Ahmed M and **Amin MR**. 2021. Physico-morphic characters of okra cultivars imparting host resistance to shoot and fruit borer *Earias vittela*. *Journal of Entomological Research*. 45. 833-838.
- Amin MR**, Ghosh P, Miah MG and Suh SJ. 2021. Severity and pestiferous effect of aphid on mustard plants, and analysis of host plant physiomorphic traits. *Journal of Entomological Research*. 45: 628-635.
- Amin MR**, Nahid S and Suh SJ. 2021. Impact of pollinator insects associated with cucumber fruit set. *Agricultural Science Digest*. 41: 615-619.
- Nasrin M, **Amin MR**, Miah MRU, Afroz M, Akanda AM, Miah MG and SJ Suh. 2021. Management of insect and mite pests of chili using botanical and synthetic chemicals. *Indian Journal of Agricultural Research*. 55: 674-680.

- Shipa AS, **Amin MR**, Afroz M, Swapon MAH, Akanda AM and Suh SJ. 2021. Prevalence and impact of sucking insect pests on cotton crop. *Indian Journal of Agricultural Research*. 55: 591-596.
- Nasrin M, **Amin MR**, Miah MRU, Afroz M, Akanda AM and Miah MG. 2021. Severity of thrips on chili varieties under varied weather factors and plant characteristics. *Journal of Entomological Research*. 45: 399-404.
- Afroz M, **Amin MR**, Miah MRU, Hossain M and Suh SJ. 2021. Exploring biochemical bases of resistance to fruit fly infestation in sweet gourd crops. *Serangga*. 26: 1-12.
- Shahrin R, Afroz M, **Amin MR**, Swapon MAH, Rahman MM and Hossain MS. 2021. Infestation and subsequent effect of sucking insects on tomato plants. *Journal of Entomological Research*. 45: 228-233.
- Nasrin M, **Amin MR**, Miah MRU, Akanda AM, Miah MG, Kwon O and Suh SJ. 2021. Occurrence and severity of mite *Polyphagotarsonemus latus* (Tarsonemidae) on chili plants: Analysis of pest-weather and host plant characteristics. *Entomological Research*. 51: 273-281.
- Nasrin M, **Amin MR**, Miah MRU, Akanda AM and Miah MG. 2021. Diversity of insect and mite species in chili ecosystem: relationship of the major pests with predator and plant damage. *Serangga*. 26: 95-108.
- Amin MR**, Oh SD, Bae E, Park SY and Suh SJ. 2020. Impact of insect-resistant transgenic rice on above-ground non-target arthropods in Korea. *Entomological Research*. 50: 525-538.
- Amin MR**, Islam MA, Suh SJ, Kwon O and Lee KY. 2020. Relationship between abiotic factors and the incidence of sucking pests on rose plants. *Entomological Research*. 50: 475-482.
- Amin MR**, Oh SD and Suh SJ. 2020. Comparing the effects of GM and non-GM soybean varieties on non-target arthropods. *Entomological Research*. 50: 423-432.
- Amin MR**, Sharmin MA, Miah MRU, Akanda AM, Suh SJ, Kwon YJ and Kwon O. 2020. Aphid population abundance and pestiferous effect on various bean plant species. *Entomological Research*. 50: 257-266.
- Bhuiya MI, Rahman MA, Miah MMU, **Amin MR**, Saha SR and Miyajima I. 2020. Gliricidia tree leaf incorporation into soil and use of companion plants for safe tomato production. *Journal of Faculty of Agriculture, Kyushu University*. 65: 1-7.
- Amin MR**, Nancy NP, Miah MRU, Miah MG, Kwon O and Suh SJ. 2019. Fluctuations in fruit fly abundance and infestation in sweet gourd fields in relation to varied meteorological factors. *Entomological Research*. 49: 223-228.
- Ahmed MT, Miah MRU, **Amin MR**, Hossain MM, Suh SJ and Kwon YJ. 2019. Plant material as an alternative tool for management of aphid in country bean field. *International Journal of Pest Management*. 65: 171-176.
- Amin MR**, Tripura K, Miah MRU, Kayesh E and Khan MAR. 2019. Diversity of insects in okra agro-ecosystem at Gazipur in Bangladesh. *Indian Journal of Ecology*. 46: 214-216.
- Nancy NP, **Amin MR**, Mia MRU and Miah MG. 2018. Diversity of insects in sweet gourd field of Bangladesh. *Indian Journal of Ecology*. 45: 854-857.

- Amin MR**, Mia MR, Rahmam H, Miah MG and Ge F. 2018. Insect community in agroforestry: role of weather parameters on population dynamics. *Indian Journal of Ecology*. 45: 88-92.
- Amin MR**, Sutradhar PC and Ge F. 2016. Nutritional indices and biology of the armyworm, *Spodoptera litura* on five cotton varieties. *Indian Journal of Ecology*. 43: 743-746.
- Amin MR**, Roy MC, Rahman MM, Miah MG, Kwon YJ and Suh SJ. 2015. Foraging and growth responses of the cotton armyworm *Spodoptera litura* to the biophysical characteristics of five cotton varieties. *Entomological Research*. 45: 286-293.
- Amin MR**, Namni S, Miah MRU, Miah MG, Zakaria M, Suh SJ and Kwon YJ. 2015. Insect inventories in a mango-based agroforestry area in Bangladesh: foraging behavior and performance of pollinators on fruit set. *Entomological Research*. 45: 217-224.
- Roy B, **Amin MR**, Jalal S, Kwon YJ and Suh SJ. 2014. Evaluation of common cocklebur *Xanthium strumarium* leaf extract as post-harvest grain protectant of blackgram against pulse beetle *Callosobruchus chinensis* (Coleoptera: Bruchidae) and isolation of crude compound. *Entomological Research*. 44: 254-261.
- Amin MR**, Bussiere L and Goulson D. 2012. Effects of male age and size on mating success in the bumblebee *Bombus terrestris*. *Journal of Insect behavior*. 25:362-374.
- Kwon YJ, **Amin MR** and Inn NS. 2012. Morphological features, development and reproduction of *Melittobia acasta* on *Bombus terrestris*. *Entomological Research*. 42:73-78.
- Kwon YJ, **Amin MR** and Inn NS. 2012. Parasitism and oviposition of *Melittobia acasta* on *Bombus terrestris*: impact of larval overwintering and host status on pupation and adult emergence. *Entomological Research*. 42: 94-98.
- Amin MR**, Kwon YJ and Thet ZM. 2011. Effect of worker number and diapause duration on the colony parameters of bumblebee, *Bombus terrestris* (Hymenoptera: Apidae). *Journal of Asia-Pacific Entomology*. 14: 455-458.
- Amin MR**, Sarkar C and Chun IJ. 2011. Comparison of host plants infestation level and life history of fruit fly (*Bactrocera cucurbitae* Coquillett) on cucurbitaceous crops. *Horticulture, Environment, and Biotechnology*. 52: 541-545.
- Amin MR**, Tithi DA and Kwon YJ. 2011. Characteristics of three cotton varieties and their impact on feeding and growth of cotton armyworm. *Entomological Research*. 41: 151-156.
- Amin MR**, Than KK and Kwon YJ. 2010. Mating status of bumblebee, *Bombus terrestris* (Hymenoptera: Apidae) with notes on ambient temperature, age and virginity. *Applied Entomology and Zoology*. 45: 363-367.
- Amin MR**, Than KK and Kwon YJ. 2009. Copulation duration of bumblebee *Bombus terrestris* (Hymenoptera: Apidae): impacts on polyandry and colony parameters. *Journal of Asia-Pacific Entomology*. 12: 141-144.
- Amin MR**, Suh SJ and Kwon YJ. 2008. Reproductive responses to photoperiod and temperature by artificially hibernated bumblebee *Bombus terrestris* queens. *Entomological Research*. 38: 250-256.

- Amin MR**, Kwon YJ and Suh SJ. 2007. Impact of artificial photoperiodism on the colony development of bumblebee *Bombusterrestris*. Entomological Science. 10: 315-321.
- Amin MR**, Suh SJ and Kwon YJ. 2007. Photoperiodic influence on the body mass of bumblebee, *Bombusterrestris* and its copulation duration. Journal of Applied Entomology. 131: 537-541.
- Amin MR**, Kwon YJ and Suh SJ. 2007. Effects of photoperiod and hibernation duration on the lifespan of *Bombusterrestris*. Entomological Research. 37: 89-94.
- Kwon YJ, **Amin MR** and Suh SJ. 2006. Mating propensity of *Bombusterrestris* reared in different photoperiodic regimes. Apidologie. 37: 679-686.
- Hossain MA, Ahad MA, Eltaj HF, **Amin MR** and Azad AKM. 2001. Prevalence and relative abundance of coccinellid beetle on mustard (*Brassica campestris*) crop. Pakistan Journal of Biological Sciences. 4: 136-138.
- Hassan SME, Rahman MS, Hossain MF, **Amin MR** and Alam MM. 2000. Evaluation of planting density and nitrogen on the performance of kaon (*Setaria iapau* L.). Pakistan Journal of Biological Sciences. 3: 1863-1864.
- Hassan SME, Rahman MS, **Amin MR**, Majumdar UK and Ahmad MU. 2000. Effect of neem (*Azadirachta indica*) on the root-knot (*Meloidogyne javanica*) of sweet gourd. Pakistan Journal of Biological Sciences. 3: 1853-1854.

#### **Research Articles Published in Different Referred Journals (Total 125)**

- Hossain MI, Disha FA, **Amin MR**, Kayesh E and Hossain MS. 2024. First record of leafhopper genus *Apheliona* Kirkaldy, 1907 (Hemiptera: Cicadellidae: Typhlocybinae) from Bangladesh. Bangladesh Journal of Zoology. 52: 111-1118.
- Begum F, Haque FTI, Afroz M, Miah MRU and **Amin MR**. 2024. Lethal and repellent effects of selected biopesticides against brinjal shoot and fruit borer and their impact on brinjal production. Bangladesh Journal of Entomology. 32: 75-84.
- Samiha A, Islam A, Bari MN, **Amin MR** and Hossain MS. 2024. Patterns of insecticides application on T. Aman rice by the selected farmer's and its impact on health. Bangladesh Journal of Entomology. 32: 1-12.
- Moon TT, Miah MRU, Islam MT, Haque FTI and **Amin MR**. 2024. Toxicity of some insecticides and their sublethal effects on nutritional indices of fall armyworm in sweet corn plant. Ecology Journal. 6: 29-34.
- Tora TI, Biswas AP, **Amin MR**, Hassan J and Rahman MM. 2024. Exploring developmental plasticity in *Aphis fabae* (Hemiptera: Aphididae) across varied temperature conditions. Journal of Entomology and Zoology Studies. 12: 116-121.
- Supti SF, Afroz M, Mannan MA and **Amin MR**. 2023. Toxicity and effects of some chemical insecticides and neem oil on rose thrips. Bangladesh Journal of Entomology. 31: 87-97.

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- Amin MR. 2021. মৌ চাষ, বাণিজ্য ও কর্মসংস্থান, বণিক বার্তা, ২২ নভেম্বর ২০২১.
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- Amin MR. 2023.** Beekeeping for biodiversity conservation and sustainable livelihood in Bangladesh. 23<sup>rd</sup> National Conference and Annual General Meeting 2022. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, January 28, 2023.
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- Md Shamim Hossain\*, Md. Imran Hossain, Shabiha Munmun, Jannatul Ferdous Mounia and **Md Ruhul Amin.** 2023. Three new records of microleafhopper genus *Empoasca walsh* (Hemiptera: Cicadellidae: Typhlocybinae) from Bangladesh. International Conference on Ecological Challenges Assessment and Restoration. Ecological Society of Bangladesh. September 23, 2023.
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