



Professor Dr. Md Ruhul Amin

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Employment

Professor	Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), July 02, 2012 to till date.
Professor	Department of Entomology, Hajee Mohammad Danesh Science and Technology University (HSTU), December 12, 2011 to July 01, 2012.
Associate Professor	Department of Entomology, HSTU, June 05, 2008 to December 11, 2012.
Assistant Professor	Department of Entomology, HSTU, May 24, 2004 to June 04, 2008
Visiting Lecturer	Khulna University, Khulna, September 22, 2002 to November 21, 2002.
Lecturer	Department of Entomology, HSTU, November 27, 1997 to May 23, 2004.
Scientific officer	Bangladesh Jute Research Institute, June 30, 1996 to November 26, 1997.

Administrative Positions

Director (Outreach)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, July 01, 2019 to June 30, 2021.
Director (Student Welfare)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, July 01, 2017 to June 30, 2019.
Head of the Department	Dept. of Entomology, BSMRAU, March 23, 2016 to March 22, 2018
Director (Transport)	Bangabandhu Sheikh Mujibur Rahman Agricultural University, May 19, 2016 to June 30, 2016.
Provost	Bangamata Sheikh Fazilatunnessa Mujib Hall, BSMRAU, July 01, 2015 to June 30, 2017.
Head of the Department	Dept. of Entomology, BSMRAU, November 04, 2013 to March 23, 2014.
Provost	Ila Mitra Hall, BSMRAU, December 12, 2012 to March 23, 2014.
Director (Physical Education)	Hajee Mohammad Danesh Science & Technology University (HSTU), February 13, 2012 to July 01, 2012.
Associate Director	Institute of Research and Training, HSTU, May 23, 2010 to March 25, 2011.
Proctor	Hajee Mohammad Danesh Science & Technology University, June 10, 2007 to September 30, 2009.
Dormitory Super	Student Dormitory, HSTU, March 11, 2007 to September 30, 2009.

Education

Ph. D. (Entomology)	2007, GPA 3.81/4.00, Kyungpook National University, Daegu, Korea
M. S. (Entomology)	1996, 1 st Class, Bangladesh Agricultural University
B. Sc. (Agriculture)	1991 (Held in 1995), 1 st Class, Bangladesh Agricultural University
H. S. C. (Science)	1986, 1 st Division, Board of Intermediate and Secondary Education, Dhaka
S. S. C. (Science)	1984, 1 st Division, Board of Intermediate and Secondary Education, Dhaka

Postdoctoral Research

2014-2015	Institute of Plant Medicine, Kyungpook National University, Daegu, 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

Fellowships

2014-2015	Korean Foundation for Science and Technology Fellowship
2011-2012	Korean Foundation for Science and Technology Fellowship
2013-2013	CAS-TWAS Visiting Fellowship
2009-2010	Commonwealth Academic Staff Fellowship
2004-2006	Korean Research Foundation Fellowship

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

Training Attended (Overseas)

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

Specialization

I have broad interests in biodiversity, population biology and behavioral ecology of insects and mites including:

- Phenotypic plasticity
- Nutritional ecology
- Plant- insect- predator interactions
- Insect pollination
- Insect and mite pests' population dynamics
- Insect and mite pests' management

Course taught

Graduate Program	ENT 531 Insect Taxonomy
	ENT 516 Principles of Insect Control
	ENT 578 Industrial Entomology
Undergraduate Program	ENT 215 Insect Morphology
	ENT 250 Insect Taxonomy
	ENT 265 Insect Ecology
	ENT 370 Economic Entomology
	ENT430 Insect Pest Management

Research projects ongoing (Total 02)

- 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.

Research projects accomplished (Total 16)

- 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

Published 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, Sreekesh S, Ramanathan AL, Sonnenschein L and Boojh R. Scientific Publishers (India). Pp. 100-106.

Published Booklet (Total 03)

Amin MR and Afroz M. 2021. Avg evMv†bi civMx, ci†fvRx I ciRxwe cZ½ cwiwPwZ (An Introduction to the Insect Pollinator, Predator and Parasites of Mango Orchard). Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

Amin MR. 2020. Av†gi AwbóKvix KxUcZ½ I Zv†i `gb e`e`v (Insect pests of mango and their management). Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

Amin MR, Rahman H, Islam MA. 2018. evsjv†`†ki †kvfvea©K Dw™††i mÜxc`x Avc` I Zv†i e`e`vcbv (Arthropod pests of ornamental plants in Bangladesh and their management). Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

Paper Presented in International Conference as Invited Speaker (Total 02)

Amin MR, Kwon YJ and Suh SJ. 2012. Prospects of the use of insect pollinators in developing countries for environment friendly agriculture. 2nd International Symposium on Insect Bio-Expo, Yecheon, Korea. August 18, 2012.

Amin MR, Kwon YJ and Suh SJ. 2007. Photoperiodic effects on the behavior of *Bombus terrestris*. 1st International Symposium on Insect Bio-Expo, Yecheon, Korea. August 21, 2007.

Abstracts Published in Conference Proceedings (Total Oral Presentation 51)

Afroz M, Sakib N and **Amin MR.** 2022. Evaluation of the potentiality of diamide products against rice stem borers. 22nd International Biennial Conference and Annual General Meeting 2021. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, March 18, 2022.

Amin MR, Miah ML and Afroz M. 2022. Assessment of host plant resistance of okra against thrips and jassid. 22nd International Biennial Conference and Annual General Meeting 2021. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, March 18, 2022.

Mazed MK, Hasan MZ and **Amin MR.** 2022. Exploring the abundance and foraging behaviors of mango pollinators. 22nd International Biennial Conference and Annual General Meeting 2021. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, March 18, 2022.

Afroz M, Miah L and **Amin MR.** 2021. The physio-morphic characters of the okra plant and their relationship with sucking insect pest population dynamics. Assam Botany Congress and International Conference on Plant Science. Cachar College, Silchar, Assam, December 3-5, 2021.

Sakib N, **Amin MR** and Afroz M. 2021. Determination of baseline of diamide product on dark headed stem borer of rice. 22nd National Conference and Annual General Meeting 2020. October 29, 2021. University of Dhaka, Bangladesh. 22nd National Conference and Annual General Meeting 2020 of the Zoological of Bangladesh, University of Dhaka, Bangladesh, October 29, 2021.

Shipa AS, **Amin MR,** Swapon MAH and Akanda Am. 2021. Prevalence of sucking insect pests on cotton plants and their impact on cotton crop. 22nd National Conference and Annual General Meeting 2020. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, October 29, 2021.

- Mazed MK, **Amin MR**, Afroz M. 2021. Diurnal dynamics and relative abundance of insect pollinators of mango. 22nd National Conference and Annual General Meeting 2020. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, October 29, 2021.
- Afroz M, **Amin MR**, Miah MRU and Hossain M. 2021. Exploring biochemical bases of resistance to fruit fly infestation in sweet gourd crops. 22nd National Conference and Annual General Meeting 2020. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, October 29, 2021.
- Nasrin M and **Amin MR**, Miah MRU, Akanda Am and Miah MG. 2021. Foraging insect pollinators in chili ecosystem and Their impact on chili production. 22nd National Conference and Annual General Meeting 2020. Zoological Society of Bangladesh, University of Dhaka, Bangladesh, October 29, 2021.
- Amin MR** and Afroz M. 2019. Field screening of sweet gourd germplasm against major insect pests. 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.
- Amin MR** and Prama Ghosh. 2019. Pestiferous effect of aphid on different mustard varieties. 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.
- Nasrin M and **Amin MR**. 2019. Population dynamics and infestation of mite on five varieties of chili. 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.
- Hossain MS, Suh SJ, **Amin MR**, Kwon YJ. 2019. Discovery of a genus and 11 species new to science from the Microleafhopper subfamily Typhlocybinae from Korea (Hemiptera: Cicadellidae). 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.
- Amin MR**. 2019. Occurrence of Lepidoptera pollinators and pests in different agroecosystems at Gazipur in Bangladesh. 6th Asian Lepidoptera Conservation Symposium. Zoological Survey of India, Kolkata, India. September 17-21, 2019.
- Amin MR**. 2019. Diversity and bioeconomics of insect and mite species in chili field. Research Review Workshop. Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh, November 13-14, 2019.
- Amin MR** and Shirmin MA. 2018. Infestation and deleterious effects of aphid on different bean species. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Islam MA and **Amin MR**. 2018. Incidence of the major insect pests of rose and their insecticidal management. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Nancy NP and **Amin MR**. 2018. Population dynamics and infestation of fruit fly in sweet gourd field. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.

- Rahman MA and **Amin MR.** 2018. Intercropping impacts on insect pest abundance, yield and biochemical composition of tomato. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Yasmin F, Islam MA and **Amin MR.** 2018. Population dynamics and insecticidal management of marigold aphid. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Nahid S and **Amin MR.** 2018. Abundance and diversity of insects in cucumber field and role of native pollinators on yield. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Nishat MZA and **Amin MR.** 2018. Seasonal fluctuation of eriophyid mite and its predatory mite on coconut. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Afroz M, Islam MA and **Amin MR.** 2018. Seasonal abundance and insecticidal management of gladiolus thrips. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Gosh P, Islam MA and **Amin MR.** 2018. Seasonal incidence and management of rose mite. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Shahrin R and **Amin MR.** 2018. Abundance and infestation of sucking insects on different tomato varieties. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Shipa AS, Khisa S and **Amin MR.** 2018. Abundance and diversity of insects in guava orchard and foraging behavior of pollinators. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Nasrin M and **Amin MR.** 2018. Distribution and infestation of mite on different varieties of chili. National Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2018.
- Amin MR.** 2018. Beekeeping for poverty reduction and biodiversity conservation in Bangladesh. The Third International Conference on Mountains in the Changing World. Kathmandu Institute of Applied Sciences, Kathmandu, Nepal, October 09-10, 2018.
- Amin MR.** 2018. Effects of intercropping systems on arthropod community composition in vegetable field: impacts on crop yield and seed quality. Research Review Workshop, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh, May 9, 2018.
- Amin MR.** 2018. Population dynamics of eriophyid mite (*Aceria guerreronis*) and its associated predatory mite (*Neoseiulus paspalivorus*) on coconut. Research Review Workshop, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh, May 9, 2018.

- Amin MR.** 2018. The state of human being, the state of society. The 7th International conference on human values in higher education. Khesar Gyalpo University of Medical Sciences of Bhutan, Thimpu, Bhutan, April 26-28, 2018.
- Amin MR.** 2017. Insect community in agroforestry: role of weather parameters on population dynamics. Conference on climate change and agricultural production. Indian Ecological Society, Bihar Agricultural University, Bhagalpur, India, April 6-8, 2017.
- Amin MR.** 2016. Varietal screening of tomato to fruit borer *Helicoverpa armigera* Hubner (Lepidoptera: Noctuidae) and associated tomato plant characters. International Conference on Botanical Pesticides and Sustainable Environment. Rajshahi University, Rajshahi, Bangladesh. September 21-22, 2016.
- Amin MR.** 2016. Nutritional indices and biology of the armyworm, *Spodoptera litura* on five cotton varieties. International Conference on Natural Resource Management: Ecological Perspectives. Indian Ecological Society, Sher-E-Kashmir University of Agricultural Sciences and Technology. February 18-20, 2016.
- Amin MR.** 2016. Nutritional indices and biology of the armyworm, *Spodoptera litura* on five cotton varieties. 18th International Conference on Agriculture and Biotechnology. World Academy of Science, Engineering and Technology. Jeddah, Saudi Arabia, January 26-27, 2016.
- Amin MR** and Afrin R. 2015. Abundance of aphid and jassid on five cotton varieties: role of leaf trichomes and meteorological parameters on population dynamics. 23rd Bangladesh Science Conference. Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh, October 17-18, 2015.
- Roy MC and **Amin MR.** 2015. Foraging and growth responses of the cotton armyworm to the biophysical characteristics of five cotton varieties. 23rd Bangladesh Science Conference. Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh, October 17-18, 2015.
- Amin MR.** 2014. Nutritional indices and life history of the cotton armyworm on five cotton varieties. 23rd Bangladesh Science Conference. Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh, October 17-18, 2015.
- Amin MR,** Kwon YJ and Suh SJ. 2014. Conservation and utilization of insect pollinators for promotion of agricultural production in Bangladesh. Annual Meeting of the Entomological Society of Korea. Kyungpook National University, Korea. May 09 – 10, 2014.
- Amin MR.** 2014. Nutritional indices and biology of the armyworm, *Spodoptera litura* on five cotton varieties. Research Review Workshop 2013-14. Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.
- Kwon YJ, **Amin MR** and Tithi DA. 2012. Feeding and growth of cotton armyworm *Spodoptera litura* Fabricius (Lepidoptera: Noctuidae) in response to cotton varietal characteristics. International Congress of Entomology 2012, Daegu, Korea. August 19-24, 2012.
- Amin MR** and Chun IJ. 2011. Comparison of host plants infestation level and life history of fruit fly (*Bactrocera cucurbitae* Coquillett) on cucurbitaceous crops. Annual Meeting of the Korean Society for Horticultural Sciences, Mokpo National University, Korea. October 27-29, 2011.

- Amin MR.** 2010. Pest, predator and pollinator abundance in the cotton field of Bangladesh: a climate change country. International Conference on Climate Change and Environment. Cochin University of Science and Technology, Kochi, India. October 24-26, 2010.
- Kwon YJ, **Amin MR** and Suh SJ. 2007. Reproductive responses to photoperiod and temperature by artificially hibernated bumblebee, *Bombus terrestris* queens. International Congress of Insect Biotechnology and Industry. Daegu, Korea. August 19-24, 2007.
- Kwon YJ, **Amin MR** and Suh SJ. 2006. Reproductive responses to photoperiod and temperature by artificially hibernated bumblebee, *Bombus terrestris* queens. Annual Meeting of the Entomological Society of Korea. Dankook University, Korea. December 1 - 2, 2006.
- Kwon YJ, **Amin MR** and Suh SJ. 2006. Does photoperiod have an influence on the body mass of *Bombus terrestris* individuals? Annual Meeting of the Korean Society of the Applied Entomology. Khumhu Summu Mari, Korea. May 11-13, 2006.
- Kwon YJ, **Amin MR** and Suh SJ. 2005. Impact of artificial photoperiodism on the colony development of *Bombus terrestris*. 5th Asia Pacific Congress of Entomology, Jeju, Korea, October 18-21, 2005.
- Kwon YJ, **Amin MR** and Suh SJ. 2005. Regulatory effect on the colony development of *Bombus terrestris* by artificial photoperiodism. Annual Meeting of the Entomological Society of Korea. Chonbuk National University, Korea. November 4-5, 2005.
- Kwon YJ, **Amin MR** and Suh SJ. 2005. Mating propensity of *Bombus terrestris* reared in different photoperiodic regimes. Annual Meeting of the Entomological Society of Korea. Muju, Korea. May 12 – 14, 2005.
- Kwon YJ, **Amin MR** and Suh SJ. 2004. Evaluation of leaf extract from shialmutra (*Blumea lacera*) against lesser grain borer and rice weevil. Annual Meeting of the Entomological Society of Korea. Wonkwang University, Korea. November 12-13, 2004.

Abstracts Published in Conference Proceedings (Total Poster Presentation 08)

- Amin MR** and Afroz M. 2020. Insect pollinators of mango in Bangladesh: relative abundance and diurnal dynamics. Meeting of Pollinator Researchers in Asia: Towards Building an Asian Pollinator Initiative. Centre for Pollination Studies, University of Calcutta, India, February 27-29, 2020.
- Amin MR** and Afroz M. 2019. Abundance of the major insect pests on twelve sweet gourd germplasm. 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.
- Amin MR** and Nahid S. 2019. Seasonal abundance and infestation of fruit fly on cucumber. 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.
- Amin MR** and Ghosh P. 2019. Population dynamics of aphid on different mustard varieties. 21st International Biennial Conference and Annual General Meeting of the Zoological Society of Bangladesh. University of Dhaka, Bangladesh, December 7-8, 2019.

- Amin MR**, Tarif AA, Rahman MM and Hossain MM. 2016. Combining bio-pesticides with chemical insecticide to manage aphid and pod borer on yard long bean. 5th National Convention and International Agricultural Conference. Krishibid Institution Bangladesh. September 29-30, 2016.
- Amin MR**, Kwon YJ and Suh SJ. 2014. Foraging and growth responses of armyworm, *Spodoptera litura* (Lepidoptera: Noctuidae) to biophysical characteristics of five cotton varieties. Annual Meeting of the Entomological Society of Korea. Dankok University, Korea. October 31- November 01' 2014.
- Amin MR**, Kwon YJ and Suh SJ. 2014. Evaluation of common cocklebur, *Xanthium strumarium* leaf extract as post-harvest grain protectant of black gram against pulse beetle, *Callosobruchus chinensis* (Coleoptera: Bruchidae) and isolation of crude compound. Annual Meeting of the Entomological Society of Korea. Kyungpook National University, Korea. May 09 -10, 2014.
- Kwon YJ, **Amin MR**, Tithi DA and Goulson D. 2012. Life history of *Spodoptera litura* (Fabricius) on three cotton varieties (Lepidoptera: Noctuidae). International Congress of Entomology 2012, Daegu, Korea. August 19-24, 2012.

Popular article (Total 10)

- Amin MR. 2022. এবারের বর্ষাকালীন তীব্র উষ্ণতা কৃষিতে মারাত্মক ঝুঁকি সৃষ্টি করেছে, বণিক বার্তা, ১৫ সেপ্টেম্বর ২০২২
- Amin MR. 2022. দেশের কৃষি খাতের অগ্রগতি ও আগামীর চ্যালেঞ্জ, বণিক বার্তা, ০১ অগাস্ট ২০২২
- Amin MR. 2021. মৌ চাষ, বাণিজ্য ও কর্মসংস্থান, বণিক বার্তা, ২২ নভেম্বর ২০২১
- Amin MR. 2021. পুষ্টি নিশ্চিত ও কৃষির বাণিজ্যিকীকরণে গম চাষ. বণিক বার্তা, ২২ অক্টোবর ২০২১
- Amin MR. 2021. কৃষির বিবর্তন ও নিরাপদ খাদ্যোৎপাদনের চ্যালেঞ্জ। বণিক বার্তা, ২৭ সেপ্টেম্বর ২০২১
- Amin MR. 2021. আশ্র কাননে পরাগী পতঙ্গ। বণিক বার্তা, ০২ সেপ্টেম্বর ২০২১
- Amin MR. 2021. বঙ্গীয় ইতিহাসের অমর ও অক্ষয়ী কীর্তি বঙ্গবন্ধু শেখ মুজিবুর রহমান, শতবর্ষে বঙ্গবন্ধু, বঙ্গবন্ধু শেখ মুজিবুর রহমান কৃষি বিশ্ববিদ্যালয়
- Amin MR. 2020. প্রতিবেশবান্ধব সমন্বিত বালাই ব্যবস্থাপনা, বণিক বার্তা, ০৯ ডিসেম্বর ২০২০
- Amin MR. 2020. সাম্য ও সম্প্রীতির রাষ্ট্রনায়ক বঙ্গবন্ধু শেখ মুজিবুর রহমান, বণিক বার্তা, ২৭ আগস্ট ২০২০
- Amin MR. 2020. পঙ্গপাল ও তার জীবন বৈশিষ্ট্য, বণিক বার্তা, ০৫ মে ২০২০

Articles published in SCOPUS indexed journal (Total 43)

- 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* *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 *Bombus terrestris*. Entomological Science. 10: 315-321.
- Amin MR**, Suh SJ and Kwon YJ. 2007. Photoperiodic influence on the body mass of bumblebee, *Bombus terrestris* 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 *Bombus terrestris*. Entomological Research. 37: 89-94.
- Kwon YJ, **Amin MR** and Suh SJ. 2006. Mating propensity of *Bombus terrestris* 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.

Articles published in different referred journals (Total 110)

- Ahmed F, Rahman MM, Alam MZ, Afroz M and **Amin MR**. 2022. Efficacy of selected insecticides in cucurbit fruit fly management. Ecology Journal. 4: 117-120.
- Islam A, Samiha A, Hossain MS, **Amin MR** and Rokonuzzaman M. 2022. Insect pest status and insecticide use in summer vegetables: A case study in Tangail district of Bangladesh. Ecology Journal. 4: 55-62.

- Nasrin M, **Amin MR**, Miah MRU, Akanda AM and Miah MG. 2021. Impact of foraging insect pollinators on chili production. *Bangladesh Journal of Agricultural Research*. 46: 297-306.
- Hasan MM, Hossain MS, **Amin MR**, Talukder MR, Ahmed M. 2021. Pest status and seasonal abundance of insects on cabbage crop. *Ecology Journal*. 3:137-141.
- Amin MR**, Islam MA, Afroz M and Suh SJ. 2021. Abundance of sucking insect pests on some flowering plants in relation to weather parameters. *Bangladesh Journal of Scientific and Industrial Research*. 56: 241-228.
- Yeasmin F, **Amin MR**, Afroz M, Swapon MAH and Hossain MM. 2021. Morpho-biochemical characteristics of brinjal germplasms affect the abundance and infestation of jassid. *SAARC Journal of Agriculture*. 19: 81-91.
- Shipa AS, Afroz M, **Amin MR**, Swapon MAH and Akanda AM. 2021. Characteristics of cotton plants associated with sucking insects and natural enemies. *Bangladesh Journal of Ecology*. 3: 93-96.
- Rahman H, Shah MTI, **Amin MR**, Saha SR, Rahman S and Mazed MK. 2021. Screening of chili germplasm for resistance against aphid. *Bangladesh Journal of Ecology*. 3: 23-30.
- Chanda SC, Khan MJ, Sarkar SC, **Amin MR** and Sarwar AKMG. 2021. Insect management practices and profitability analysis of summer vegetable production in Sirajganj district of Bangladesh. *Bangladesh Journal of Ecology*. 3: 17-22.
- Yeasmin F, Shipa AS, Amin MR, Swapon MAH and Hossain MM. 2021. Field screening of brinjal germplasm for resistance against shoot and fruit borer. *Bangladesh Journal of Ecology*. 3: 11-16.
- Shipa AS, **Amin MR**, Swapon MAH and Akanda AM. 2021. Incidence of sucking insect pests on cotton plants based on the weather conditions. *Journal of the Bangladesh Agricultural University*. 19: 8-13.
- Miah MRU, Mamun MAA, Hossain MS, **Amin MR** and Molla AH. 2020. Host preference of red pumpkin beetle *Aulacophora foveicollis* Lucas. on different cucurbits. *The Agriculturists*. 18: 75-80.
- Nasrin M, Amin MR, Miah MRU, Akanda AM and Miah MG. 2020. Occurrence and pest severity of whitefly on different varieties of chili. *Annals of Bangladesh Agriculture*. 24: 127-135.
- Islam MN, Rahman ML, Mullah MAF, Haque MM and **Amin MR**. 2020. Efficacy of some selected acaricides against jute yellow mite. *Bangladesh Journal of Ecology*. 2: 65-68.
- Ahmed T, Miah MRU, Nasrin M and **Amin MR**. 2020. Biorational management of sucking pests of tomato. *Bangladesh Journal of Ecology*. 2: 69-73.
- Ghosh P, Amin MR, Nasrin N and Miah MG. 2020. Weather factors and predator insects affect the abundance of aphid on mustard. *Bangladesh Journal of Ecology*. 2: 95-100.
- Sharmin MA, **Amin MR**, Miah MRU and Akanda AM. 2020. Seasonal dynamics of bean aphids and its relationship with the abundance of the lady bird beetles. *Bangladesh Journal of Zoology*. 48: 357-363.

- Nahid S, **Amin MR**, Haque MM and Suh SJ. 2020. Seasonal abundance and infestation of fruit fly on cucumber. SAARC Journal of Agriculture. 18: 233-241.
- Amin MR** and Islam MA. 2020. Effectiveness of some chemical pesticides against some arthropod pests of ornamental plant. Bangladesh Journal of Agricultural Research. 45: 261-268.
- Chanda SC, Khan MJ, Sarkar SC, **Amin MR** and Sarwar AKMG. 2020. Problems, prospects and profitability analysis of high value summer vegetables cultivation in Sirajganj district. Bangladesh Journal of Extension Education. 32: 39-50.
- Islam MA and **Amin MR**. 2020. Role of abiotic factors and chemical insecticides on the incidence of rose budworm and thuja bagworm. Bangladesh Journal of Ecology. 2: 53-56.
- Nasrin M, **Amin MR**, MRU Miah, AM Akanda and MG Miah. 2020. Differences in morphological traits, yield performance and abundance of mite on chili. Bangladesh Journal of Ecology.
- Nur MW, MRU Miah and **Amin MR**. 2020. Management of aphid and pod borer of country bean using bio-rational pesticides. Bangladesh Journal of Ecology. 2: 1-5.
- Afroz M, **Amin MR**, Miah MRU and Hossain M. 2019. Effects of weather on the abundance and infestation of major insect pests of sweet gourd in Gazipur. Bangladesh Journal of Zoology. 47: 285-291.
- Mohammad A, Alam SN, Mia MRU, **Amin MR** and Smriti RS. 2019. Population fluctuation of jassid, and shoot and fruit borer of okra. Bangladesh Journal of Agricultural Research. 44: 493-499.
- Mia MR, **Amin MR**, Rahman H and Miah MG. 2019. Scenario of insect pests, predators and pollinators associated with crop plants in an agroforestry in Bangladesh. SAARC Journal of Agriculture. 17: 13-22.
- Amin MR**, Khisa S, Rahman H, Jannat R and Badruzzaman M. 2019. Seasonal abundance of major sucking and chewing insects of guava. Bangladesh Journal of Zoology. 47: 97-105.
- Amin MR**, Mia MS, Rahman H, Nancy NP and Bhuiyan MKA. 2019. Role of insect pollinators and pests on the yield and seed quality of eggplant (*Solanum melongena* L.). Bangladesh Journal of Agricultural Research. 44: 647-653. 103-113.
- Afroz M, **Amin MR**, Miah MRU and Hossain M. 2019. Incidence of major insect pests on sweet gourd germplasm. Bangladesh Journal of Agricultural Research. 44: 621-630.
- Rahman MA, **Amin MR**, Miah MRU and Khan MAA. 2019. Impact of intercropping on insect pests and crop attributes of tomato. Bangladesh Journal of Entomology. 29: 39-48.
- Nishat MJA and **Amin MR**. 2019. Infestation and damage severity of coconut eriophyid mite in Gazipur, Bangladesh. Bangladesh Journal of Entomology. 29: 13-20.
- Amin MR**, Mazumder and Rokunuzzaman M. 2019. Population dynamics of insect pests and beneficial arthropods of green pea in winter season of Bangladesh. Bangladesh Journal of Agriculture. 43: 103-111.

- Miah MRU, Chanda R, **Amin MR**, Hoque MA and Seddique AA. 2019. Reduction of sucking insect abundance using botanicals for proper growth and yield of okra. *Bangladesh Journal of Ecology*. 1: 1-5.
- Islam MA, **Amin MR**, Rahman H, F Yeasmin and ME Haque. 2019. Status of arthropod pests infesting different ornamental plants of Bangladesh. *Bangladesh Journal of Ecology*. 1: 11-15.
- Khanom S, Hossain MM, Haque MM, Afroz M and **Amin MR**. 2019. Performance of different carrot genotypes and impact of GA₃ on seed production potential of BAU carrot 1. *Bangladesh Journal of Ecology*. 1: 23-26.
- Amin MR**, Khisa S, Rahman H, Shipa AS and Jannat R. 2019. Abundance and diversity of insects on guava and foraging behavior of pollinators. *Bangladesh Journal of Ecology*. 1: 31-34.
- Amin MR**, Nishat MJA, Afroz M and Ghosh P. 2019. Apiculture for sustainable agriculture: Bangladesh perspective. *Bangladesh Journal of Ecology*. 1: 147-52.
- Nancy NP, **Amin MR**, Mia MRU and Miah MG. 2019. Native insect pollinators and their effect on sweet gourd production. *Annals of Bangladesh Agriculture*. 22: 63-68.
- Mondal E, **Amin MR**, Rahman H and Akanda AM. 2019. Abundance and diversity of arthropods in mustard. *Bangladesh Journal of Ecology*. 1: 53-56.
- Chanda SC, Sarwar AKM, **Amin MR** and Haque ME. 2019. Floral morphology of three sesbania species and associated insect visitors. *Bangladesh Journal of Ecology*. 1: 69-72.
- Islam MN, Islam KS, Jahan M, **Amin MR** and Haque MM. 2019. Effect of plant extracts on jute yellow mite. *Bangladesh Journal of Ecology*. 1: 91-96.
- Tripura K, **Amin MR**, Miah MRU, Kayesh E and Badruzzaman M. 2018. Effect of intercropping and neem oil on okra plant characteristics, insect pest diversity and virus infection. *Bangladesh Journal of Entomology*. 28: 27-35.
- Mondal E, **Amin MR**, Rahman H and Akanda MA. 2018. Infestation level and population dynamics of aphid on mustard. *Bangladesh Journal of Agricultural Research*. 43: 611-618.
- Amin MR**, Mia MS, Rahman H, Nancy NP and Bhuiyan MKA. 2018. Functional and group abundance of insects on eggplant. *Bangladesh Journal of Agricultural Research*. 43: 647-653.
- Mondal E, **Amin MR**, Rahman H and Akanda MA. 2018. Abundance and foraging behavior of native insect pollinators and their effect on mustard (*Brassica juncea* L.). *Bangladesh Journal of Zoology*. 46: 117-123.
- Mohammad A, Alam SN, Miah MRU, **Amin MR** and Saif HB. 2018. Bio-rational management packages of jassid and shoot and fruit borer of okra. *Bangladesh Journal of Agricultural Research*. 43: 323-332.
- Amin MR**, Khisa S, Rahman H and Jannat R. 2018. Seasonal abundance of the fruit fly in a mango-based agroforestry. *Bangladesh Journal of Entomology*. 28: 43-51.
- Rahman MA, **Amin MR**, Mia MRU and Khan MAA. 2018. Arthropod fauna and their relative abundance in tomato intercropping system. *Annals of Bangladesh Agriculture*. 22: 59-65.

- Amin MR**, Tarif AA, Rahman MM, Hossain MM and Ge F. 2017. Sequential application of bio-pesticide, botanical and chemical insecticide to manage aphid and pod borer attacking yard long bean. *Bangladesh Journal of Agricultural Research*. 42: 531-538.
- Namni S, **Amin MR**, Miah MRU, Rahman MF, Suh SJ. 2017. Role of weather parameters on seasonal abundance of insects in a mango-based agroforestry in Bangladesh, with particular reference to mango hopper. *Bangladesh Journal of Agricultural Research*. 42: 197-205.
- Amin MR**, Afrin R, Alam MZ, Hossain MM and Kwon YJ. 2017. Effect of leaf trichomes and meteorological parameters on population dynamics of aphid and jassid in cotton. *Bangladesh Journal of Agricultural Research*. 42: 13-25.
- Dutta NK, Alam SN, Mahmudunnabi M, **Amin MR** and Kwon YJ. 2017. Effect of insecticides on population reduction of sucking insects and lady bird beetle in eggplant field. *Bangladesh Journal of Agricultural Research*. 42: 35-42.
- Shafiullah SMA, **Amin MR**, Miah MRU, Rahman MA and Ahmed T. 2017. Insecticidal effect of plant extracts on the activity of fruit fly. *Annals of Bangladesh Agriculture*. 20: 87-93.
- Amin MR**, Khandakar MS, Rahman H, Nancy NP and Miah MU. 2017. Laboratory evaluation of some plant extracts as insecticide against fruit fly of bitter gourd. *Bangladesh Journal of Entomology*. 27: 25-34.
- Ara E, Miah MRU, **Amin MR**, Hossain MM and Khan MAR. 2017. Screening of okra genotypes against jassid and fruit borer. *Bangladesh Journal of Entomology*. 27: 69-78.
- Amin MR**, Shafiullah SMA, Mondal E and Ahmed T. 2017. Toxicity and physiological effects of some plant extracts on fruit fly infesting ash gourd. *SAARC Journal of Agriculture*. 15: 125-135.
- Amin MR**, Afrin R, Suh SJ and Kwon YJ. 2016. Infestation of sucking insect pests on five cotton cultivars and their impacts on varietal agronomic traits, biochemical contents, yield and quality. *SAARC Journal of Agriculture*. 14: 11-23.
- Ahad MA, Nahar MK, **Amin MR**, Suh SJ and Kwon YJ. 2016. Effect of weed extracts against pulse beetle, *Callosobruchus chinensis* L. (Coleoptera: Bruchidae) of mung bean. *Bangladesh Journal of Agricultural Research*. 41: 75-84.
- Mazumder R, Amin MR, Rahman MM, Hossain MS and MZ Hoque. 2016. Bio-rational management of pod borer in green pea field. *Bangladesh Journal of Entomology*. 26: 11-19.
- Amin MR**, Sutradhar PC, Hossain MS, Roy MC, Miah MM, Sachchu SK. 2016. Effect of cotton varieties on the growth, morphometrics and life length of army worm. *Bangladesh Journal of Entomology*. 26: 1-10.
- Siddiqua TA, Miah MRU, **Amin MR** and Yesmin K. 2016. Use of botanicals as environmentally safe management for cotton jassid. *Journal of Environmental Science and Natural Resources*. 9: 131-134.
- Amin MR**, Chakma A, Alam MZ, Hossain MM and Ge F. 2016. Screening of tomato varieties against tomato fruit borer and associated plant characters. *SAARC Journal of Agriculture*. 14: 150-161.

- Ahad MA, Nahar MK, **Amin MR**, Suh SJ and Kwon YJ. 2015. Biological activities of five weed extracts against *Callosobruchus chinensis* L. (Coleoptera: Bruchidae). Korean Journal of Applied Entomology. 54: 83-89.
- Ahmed MT, Miah MRU, Amin MR, Hossain MM. 2015. Evaluation of some plant materials against pod borer infestation in country bean with reference to flower production. Annals of Bangladesh Agriculture. 18: 71-78.
- Khatun M, Alam MZ, **Amin MR**, Hossain MS and Hossain MM. 2014. Integrated management packages for combating whitefly attacking tomato. Bangladesh Journal of Entomology. 24: 91-100.
- Amin MR**, Azad HMS, Hossain MS, Suh SJ and Kwon YJ. 2014. Foraging behavior of *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae) first instar larvae on selected cotton varieties. Current Research on Agriculture and Life Sciences. 32:185-188.
- Hossain SMA, Baque MA and **Amin MR**. 2013. Comparative effectiveness of seed treating and foliar insecticides against sucking pests of cotton and impact on their natural enemies. Bangladesh Journal of Agricultural Research. 38: 61-70.
- Amin MR**, Than KK, Suh SJ and Kwon YJ. 2013. Evaluation of disaccharide brown sugar as a source of carbohydrate for bumblebee, *Bombus terrestris* rearing. Bangladesh Journal of Entomology. 23: 13-20.
- Kwon YJ, **Amin MR** and Than KK. 2013. Effect of diapause on survival and reproductive performances of bumblebee (*Bombus terrestris*) queens. Bangladesh Journal of Entomology. 23: 53-64.
- Amin MR** and Tithi DA. 2012. Biology of *Spodoptera litura* (Lepidoptera: Noctuidae) reared on three cotton varieties. Bangladesh Journal of Entomology. 22: 79-91.
- Hossain SMA, Azad HMS, Baqu MA, Hossain MS and **Amin MR**. 2012. Quality characteristics of two cotton cultivars as influenced by seed dressing with imidacloprid insecticide. Journal of Agroforestry and Environment. 6: 71-74.
- Roy B, **Amin MR**, Jalal S and Sarker BC. 2012. Bioefficacy of blood leaf plant extracts against pulse beetle, *Callosobruchus chinensis* (Coleoptera: Bruchidae). Bangladesh Journal of Entomology. 22: 69-77.
- Hossain SMA, Baque MA, **Amin MR** and Chun IJ. 2012. Field evaluation of imidacloprid as an insecticidal seed treatment of cotton cultivar with particular references to sucking pest, predator and yield. Our Nature. 10: 44-52.
- Roy B, Jalal S, Sarker BC, **Amin MR**, Jeon YH and Chun IJ. 2012. Evaluation of insecticidal activities of common cocklebur fruit extract against pulse beetle *Callosobruchus chinensis* (Coleoptera: Bruchidae). Korean Journal of Applied Entomology. 51: 325-329.
- Amin MR** and Kwon YJ. 2011. Photoperiod and relationship with body mass and size in bumblebee, *Bombus terrestris* L. (Hymenoptera: Apidae) workers. Bangladesh Journal of Scientific and Industrial Research. 46: 447-450.
- Azad HMS, **Amin MR**, Tithi DA and Hossain SMA. 2011. Performances of three cotton varieties cultivated under economic threshold level-based insecticide sprayed and non-sprayed conditions. Our Nature. 9: 21-25.

- Amin MR** and Kwon YJ. 2011. Time and age specific mating success of bumblebee reared at different photoperiodic regimes. *Bangladesh Journal of Agricultural Research*. 36: 13-20.
- Amin MR**, Thet ZM and Kwon YJ. 2010. Reproductive decision and worker production in bumblebee colonies. *Journal of Science and Technology*. 8: 198-202.
- Azad HMS, **Amin MR**, Hossain SMA, Tithi DA and Ahad MA. 2010. Incidence and abundance of pests on different cotton varieties at Dinajpur in Bangladesh. *Bangladesh Journal of Entomology*. 20: 85-90.
- Azad HMS, **Amin MR**, Hossain SMA and Tithi DA. 2010. Abundance and incidence of pollinator visitors on different cotton varieties. *Journal of Agroforestry and Environment*. 4: 75-76.
- Azad HMS, **Amin MR**, Hossain SMA and Tithi DA. 2010. Field abundance and incidence of predator associated with different cotton varieties at Dinajpur in Bangladesh. *Journal of Environmental Science and Natural Resources*. 3: 127-130.
- Roy B, Sarker BC, **Amin MR**, Roy BC and Jalal S. 2010. Bioefficacy of shiyalmutra leaf extract against rice weevil. *Journal of Science and Technology*. 8:1-5.
- Tithi DA, **Amin MR**, Hossain SMA and Azad HMS. 2010. Feeding and development of *Spodoptera litura* larvae on different cotton varieties. *Journal of Agroforestry and Environment*.4:113-116.
- Tithi DA, **Amin MR**, Hossain SMA and Azad HMS. 2010. Consequence of *Spodoptera litura* Fabricius (Lepidoptera: Noctuidae) morphometrics reared on different cotton varieties. *Our Nature*. 8: 118-121.
- Tithi DA, **Amin MR** and Azad HMS. 2010. Effect of different containers and moisture content on germination of mustard seed. *Journal of Science and Technology*. 8: 193-197.
- Amin MR**, Suh SJ and Kwon YJ. 2009. Effect of light intensity on the colony performances of bumblebee, *Bombus terrestris* (Hymenoptera: Apidae). *Bangladesh Journal of Agriculture and Environment*. 5: 25-34.
- Amin MR**, Tithi DA, Azad HMS and Hossain SMA. 2009. Role of threshold spray of chemical insecticides on sucking pests, predators and yield of cotton. *Journal of Science and Technology*. 7: 45-49.
- Amin MR**, Tithi DA, Azad HMS and Hossain SMA. 2009. Field evaluation of neemazol and pyrethroid for management of cotton bollworm. *Bangladesh Journal of Environmental Science*. 16: 139-142.
- Amin MR**, Tithi DA, Azad HMS, Hossain SMA and Mian HR. 2009. Evaluation of some botanicals and a chemical insecticide against few chewing and sucking pests of cotton at different locations of Bangladesh. *Journal of Environmental Science and Natural Resources*. 2: 9-12.
- Amin MR**, Hossain MS, Ahmed KS, Khan AB and Hafiz MHR. 2009. Reproductive performances of lady bird beetle, *Menochilus sexmaculatus* (Coleoptera: Coccinellidae) under different food sources. *Journal of Agroforestry and Environment*. 3: 187-189.
- Amin MR**, Tithi DA, Azad HMS and Hossain SMA. 2009. Evaluation of some synthetic pyrethroids for management of cotton bollworm at different locations of Bangladesh. *Journal of Agroforestry and Environment*. 3: 45-48.
- Chowdhury SP, Ahad MA, **Amin MR** and Hassan MS. 2008. Biology of lady bird beetle *Micraspis discolor* (Fab.) (Coccinellidae: Coleoptera). *International Journal of Sustainable Crop Production*. 3: 39-44.

- Amin MR**, Hossain MS, Ahmed KS and Hafiz MHR. 2008. Effect of prey sources on development and predation potential of lady bird beetle. *Journal of Science and Technology*. 6: 23-27.
- Amin MR**, Tithi DA, Azad HMS and Hossain SMA. 2008. Evaluation of soap solution for management of cotton sucking pests at different locations of Bangladesh. *Journal of Science and Technology*. 6: 1-5.
- Amin MR**, Ahad MA, Islam MH, Tithi DA and Kwon YJ. 2008. Life history of lady beetle *Menochilus sexmaculatus* feeding on bean aphid and its predatory potential. *South Asian Journal of Agriculture*. 3: 149-152.
- Amin MR**, Ahad MA, Rasel NA, Hossain SMA and Tithi DA. 2008. Effect of some systemic insecticides on the abundance of major insect pests and predators associated with cotton plants. *Journal of Agroforestry and Environment*. 2: 143-146.
- Amin MR**, Ahad MA, Rono MMA and Tithi DA. 2008. Life history traits of *Cricula trifenestrata* (Lepidoptera: Saturniidae) feeding on *Mangifera indica*. *Journal of Agroforestry and Environment*. 2: 59-62.
- Amin MR**, Tithi DA, Azad HMS and Hossain SMA. 2008. Management of cotton pests using seed treating insecticide and pyrethroid at different locations of Bangladesh. *Journal of Science and Technology*. 7: 123-128.
- Amin MR**, Ara R, Mukherjee S, Bhuyain MMH and Uddin MN. 2008. Economic evaluation of different management practices of cucurbit fruit fly (*Bactrocera cucurbitae*) in sweet gourd. *Journal of Science and Technology*. 6: 109-111.
- Chowdhury SP, Ahad MA, **Amin MR** and Rasel NA. 2008. Bean aphid predation of lady bird beetle *Micraspis discolor* F. (Coleoptera: Coccinellidae). *Journal of Soil and Nature*. 2: 40-45.
- Amin MR**, Ahad MA, Hossain MH, Hossain SMA and Tithi DA. 2008. Characteristics of some cotton varieties in relation to seasonal abundance of pests, predators and their impact on yield and quality. *Journal of Agroforestry and Environment*. 2: 67-70.
- Karim S, Ahad MA, **Amin MR** and Iqbal TMT. 2007. Biology of lemon butterfly *Papilio demoleus* (Lepidoptera: Papilionidae): the effect of neem oil on food consumption. *Journal of Science and Technology*. 5: 25-31.
- Mukherjee S, Tithi DA, Bachchu AA, Ara R and **Amin MR**. 2007. Life history and management of cucurbit fruit fly *Bactrocera cucurbitae* on sweet gourd. *Journal of Science and Technology*. 5: 14-24.
- Roy B, **Amin MR**, Uddin MN, Islam ATMS, Islam MJ and Halder BC. 2005. Leaf extracts of shiyalmutra (*Blumea lacera*) against lesser grain borer and rice weevil. *Journal of Biological Sciences*. 5: 201-204.
- Pathan MMH, **Amin MR**, Hassan SME, Rahman MS and Azad AKM. 2004. Effect of nitrogen, sulphur and boron on the growth of sunflower. *Journal of Science and Technology*. 2: 49-54.
- Hassan SME, Rahman MS, **Amin MR**, Majumdar UK and Eltaj HF. 2001. Study of ginger on root-knot disease of brinjal. *Journal of Biological Sciences*. 1: 560-562.

- Hassan SME, Rahman MS, **Amin MR**, Hoque ATMR and Islam SMS. 2001. Effect of some organic substances on the root-knot disease of brinjal. *Journal of Biological Sciences*. 1: 791-792.
- Amin MR**, Shahjahan M, Eltaj HF, Iqbal TMT and Hossain MA. 2000. Use of akanda, biskatali and neem as botanical insecticides against lesser grain borer. *Bangladesh Journal of Entomology*. 10: 1-13.
- Shahjahan M and **Amin MR**. 2000. Evaluation of some plant extracts against rice weevil, *Sitophilus oryzae* L. *Journal of the Asiatic Society of Bangladesh (Science)*. 26: 213-222.
- Banu H, Farukuzzaman AFM, **Amin MR**, Sultana N and Islam MN. 1999. Screening of jute, *Corchorus spp.* for resistance to yellow mite, *Polyphagotarsonemus latus* (Banks). *Bangladesh Journal of Jute and Fibre Research*. 23: 1-6.

Full length review articles (Total 06)

- Mazed MK, Afroz M, Hossain MS and **Amin MR**. 2022. Trends of crop production, land use and pesticide consumption in Bangladesh. *Ecology Journal*. 4: 91-99.
- Afroz M, Rahman MM and **Amin MR**. 2021. Insect plant interaction with special reference to secondary metabolites: a review. *Agricultural Reviews*. 45: 427-433.
- Joaty JY, Rahman MM, Amin MR and Khan MAR. 2021. Fall armyworm outbreaks in Asia: analyzing the strategies to control. *Malaysian Journal of Sustainable Agriculture*. 6: 38-43.
- Amin MR**, Nishat MJA, Afroz M and Ghosh P. 2019. Apiculture for sustainable agriculture: Bangladesh perspective. *Bangladesh Journal of Ecology*. 1: 147-52.
- Amin MR**, Hossain MS, Suh SJ and Kwon YJ. 2014. Conservation and utilization of insect pollinators for promotion of agricultural production in Bangladesh. *Current Research on Agriculture and Life Sciences*. 32: 171-174.
- Amin MR** and Chun IJ. 2012. Cultivation of yam: a source of vegetable and medicine. *Journal of Science and Technology*. 10: 200-204.

Short communications (Total 04)

- Mollah MMI, Rahman MM, **Amin MR**, Khatun S and Shahadat MK. 2022. Evaluation of insecticides against bean bug and jute hairy caterpillar infesting country bean. *Ecology Journal*. 4: 113-116.
- Ahmed F, Rahman MM, Alam MZ, Afroz M and **Amin MR**. 2022. Efficacy of selected insecticides in cucurbit fruit fly management. *Ecology Journal*. 4: 117-120.
- Shipa AS, Afroz M, **Amin MR**, Swapon MAH and Akanda AM. 2021. Characteristics of cotton plants associated with sucking insects and natural enemies. *Bangladesh Journal of Ecology*. 3: 93-96.
- Azad HMS, **Amin MR**, Hossain SMA, Tithi DA and Ahad MA. 2010. Incidence and abundance of pests on different cotton varieties at Dinajpur in Bangladesh. *Bangladesh Journal of Entomology*. 20: 85-90.