



Professor Dr. Badrul Amin Bhuiya

DIC (London), PhD (Chittagong)

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Born in 1949 in Dhaka, Bangladesh, Dr. Bhuiya received his M.Sc degree in Zoology from the University of Dhaka, Bangladesh in 1972. After a short stint of early research career on mosquito physiology, his interest shifted to the study of taxonomy of Parasitic Hymenoptera. He joined the Department of Zoology of the University of Chittagong in 1975 as a Lecturer. He became a full Professor of Zoology in 1997 and led the Department of Zoology at the University of Chittagong two times as Chairman (1983 and 1989-1992).

Professor Bhuiya obtained a Post-Graduate diploma (DIC) from the Imperial College, London and his Ph.D degree in Zoology from the University of Chittagong, Bangladesh. Dr. Bhuiya, the inspiration behind several academic and research initiatives, is an exemplary academician as well as an insect taxonomist of distinction and repute. He has put in more than 37 years in teaching and research. His research contributions to the science of taxonomy have been very substantive in realizing the faunal diversity of the Parasitic Hymenoptera of Bangladesh. His contributions to the teaching and development of taxonomy have resulted in the training of a large number of taxonomists from Bangladesh. He has been very successful in creating interest among the biologists, especially a vast community of students, teachers and research scientists, a growing interest in taxonomy and biodiversity by arranging training at home and abroad. He has established an INSECT MUSEUM at the Department of Zoology of Chittagong University for keeping reference collections to render identification services and create research facilities. Recently he has launched a DNA Barcoding & Molecular Taxonomy initiative in Bangladesh. A DNA Barcoding & Molecular Taxonomy Lab. has been established by him in the same department.

He has had the opportunities to pursue his research on systematics of Parasitic Hymenoptera, under various fellowship programmes, in reputed research institutions abroad, viz., Commonwealth Institute of Entomology, London, UK (1985), The Natural History Museum, London, UK (1988, 1990, 1991, 1994, 1995-1996, 1998, 2000, 2001, 2004, 2007, 2009), The National Museum of Natural History (NMNH) at the Smithsonian Institution, Washington D.C., USA (2007, 2009, 2011). He was privileged to have the advanced taxonomy training under Dr. Z. Boucek of CAB International, London, UK and Dr. John S. Noyes of the NHM, London, UK, thus gaining the subtle expertise in the field of his specialization. Some of his well-recognized contributions have come from his collaborative works with international scientists like Dr. Z. Boucek, Dr. Mike Fitton, Dr. John Noyes, Dr. Andrew Polaszek (London), Dr. Michael Gates, Dr. Sonja Scheffer, Dr. Robert Kula, Dr. Matt Buffington and Mr. Matt Lewis (USA), Dr. Kuang Tsao Shao and Dr. Jeng Tze Yang (Taiwan), and Dr. Junko Shimura (Japan). His pioneering collaborative works on the biosystematics of some of the families of Chalcidoidea with the Imperial College, London, the British Museum of Natural History, London and the U.S. National Museum of Natural History, Washington DC are considered path finding achievements for Bangladeshi scientists.

Dr. Bhuiya **recorded more than 400 species of parasitic insects from Bangladesh and discovered 3 of them which are new to science.** He published more than 35 peer reviewed research papers in scientific journals at home and abroad. To date many students have been awarded MSC, MPhil and PhD degree under his supervision. In recognition of his outstanding contributions to the science of Taxonomy and Biodiversity, he has received the following awards and honors.

Present Activities:

1. Developing a DNA barcoding and Molecular Taxonomy Lab in Chittagong University.
2. Research on Vegetable leafminer (Agromyzidae: Diptera) and their parasitoids (Hymenoptera).
3. Supervising 2 PhD, 1 MPhil and 3 MS students.

Recipient of Fellowships:

- Commonwealth Fund for Technical Cooperation Award to pursue training on Taxonomy of Insects and Mites of Agricultural Importance at the Commonwealth Institute of Entomology, London, UK in 1985.
- British Council Bursary in 1988 to pursue research at the Natural History Museum, London for three months.
- Life Membership of the Zoological Society of Bangladesh since 2000.
- The Overseas Development Agency (ODA), London grant for a three year collaborative research at the Natural History Museum, London with Imperial College, London and the University of Chittagong, Bangladesh in 1993-1996.
- British Council Fellowship in 1995 to pursue post graduate research at the Natural History Museum and Imperial College, London for one year.
- Visiting Scientist's Research grant of the Smithsonian Institution at the Systematic Entomology Laboratory, Washington, D.C. in 2007.
- USDA Biotech Agricultural Research grant, Washington, D.C. to conduct a collaborative research on Molecular Taxonomy and DNA barcoding of a pest and parasitoid group of insects of agricultural importance in Bangladesh.

Achievements:

- Founder Chairman, Biodiversity Research Group of Bangladesh (BRGB), since 2001.
- Founder Editor-in-Chief, Journal of Taxonomy and Biodiversity Research, published by Greenleaf International, Chittagong-London-New York.
- Founder Convener, BanglaBOL Forum: A forum of DNA barcoding scientists.
- Elected Vice Chair, Species 2000 Asia Oceania in 2007.
- National Coordinator for BioNET-SACNET in Bangladesh for the development of taxonomy and biodiversity research (Nominated by MoEF, Dhaka, Bangladesh).
- Recipient of many international awards to visit and make presentations on his research achievements in UK, USA, Japan, Taiwan, South Africa, Malaysia, Thailand, Hong Kong, India and Mexico.