



Professor Dr. Badrul Amin Bhuiya

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Born in 1949 in Dhaka city, 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 and became a full Professor of Zoology in 1997. Professor Bhuiya led the Department of Zoology at the University of Chittagong two times as Chairman (3 months in 1983 and 3 years from 1989 to 1992).

Professor Bhuiya obtained a Post-Graduate diploma (DIC by thesis) 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 39 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 a growing interest in taxonomy and biodiversity by arranging training at home and abroad among the biologists, especially a vast community of students, teachers and research scientists. 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. He has launched a **DNA Barcoding & Molecular Taxonomy initiative** in Bangladesh and established a **DNA Barcoding & Molecular Taxonomy Lab.** in the same department.

Professor Bhuiya 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 and 2011), The National Museum of Natural History (NMNH) at the Smithsonian Institution, Washington D.C., USA (2007, 2009 and 2011) and National Taichung Museum in Taiwan (2005). 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. John Noyes, Dr. John LaSalle, Dr. Mike Fitton, Dr. David Notton, and Dr. Gavin Broad (all of NHM, London); Dr. Donald Quicke (Imperial College, London), Dr. Andrew Polaszek (ICZN), Dr. Michael Gates, Dr. Sonja Scheffer, Dr. Robert Kula, Dr. Matt Buffington and Mr. Matt Lewis (SEL, NMNH, 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 from Bangladesh which are new to science.** He published more than 46 peer reviewed research papers (www.brqb.org/documents) in scientific journals at home and abroad. To date many students have been awarded MS, MPhil and PhD degrees under his supervision.

Past Activities:

1. **1994:** Organized a **week long Taxonomy Training course on parasitic Hymenoptera** at the University of Chittagong with two British taxonomists Dr. Donald Quicke and Dr. Mike Fitton as Resource Persons and trained 22 scientists from different universities and research institutions of the country **with the financial support of The British Council, Dhaka.**
2. **2007:** Organized **3 days long separate Taxonomy Training courses on Insects, Birds and Plants** at the University of Chittagong with three scientists (Dr. Tzeng Tze Yang of Taiwan, Mr. Enam Ul Haque of Bangladesh Bird Club and Dr. Sangeeta Rajbhandary of Nepal) as Resource Persons and trained 70 teachers and students from different universities and colleges of the country.
3. **2012:** Organized a **4 days long DNA Barcoding Training course** at the Chittagong Veterinary and Animal Sciences University with Dr. Shankar Kumar Ghosh of Assam University, India as Resource Person and trained 24 teachers from different universities, colleges and research institutes of the country.
4. **2014:** Organized a **4 days long DNA Barcoding Training course** at the University of Chittagong with Dr. Joyraj Bhattacharjee of Assam University, India, and Dr. Shantanu Kundu of the Zoological Survey of India, Kolkata, as Resource Persons and trained 22 teachers from different universities, colleges and research institutes of the country.

Present Activities:

- a. **DNA barcoding** and Molecular Taxonomy research at Chittagong University.
- b. **Taxonomic Research** on Insecta.
- c. **Digitization and Databasing** of collections of the INSECT MUSEUM at the Department of Zoology.
- d. **Supervising** PhD, MPhil and MS research students.
- e. **Insect Biodiversity of Bangladesh** under Global Malaise Trap Programme of the Biodiversity Institute of Ontario, Canada.

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), Government of United Kingdom, London, Grant** (UK£ 100,000) 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** (US\$ 4,000) of the Smithsonian Institution at the Systematic Entomology Laboratory, Washington, D.C. in 2007.
- **USDA Biotech Agricultural Research Grant**, Washington, D.C. (US\$ 182,000) 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 and awards:

- **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, Mexico and China.**