Professor DR. M. OLIUR RAHMAN, Ph.D. (Hiroshima), FLS (London)
Department of Botany, University of Dhaka, Dhaka 1000, Bangladesh
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EDUCATION

- **Ph. D.** in Plant Taxonomy, Hiroshima University, Japan (2003)
  Thesis – 'Molecular systematic and cytotaxonomic studies of *Utricularia* L. (Lentibulariaceae)'
- **M. Sc**. in Botany (Thesis on Taxonomy), University of Dhaka (1994).
  First Class First Position
  Thesis – 'Angiospermic Flora of Bhawal National Park, Gazipur (Bangladesh)'
- **B. Sc**. (Honors) in Botany, University of Dhaka (1992) - ***First Class First Position***

FIELDS OF SPECIALIZATION

- ✓ Plant Taxonomy and Biodiversity
- ✓ Molecular Systematics & Phylogenetics
- ✓ Medicinal Plants and Bioprospecting
- ✓ Structure based Drug and Vaccine Design through bioinformatics

CURRENT POSITION

Professor (Since 22 July 2013)
Department of Botany
University of Dhaka, Dhaka 1000, Bangladesh

PREVIOUS EMPLOYMENT RECORDS

- Associate Professor (10/08/2011 – 21/07/2013)
  Department of Botany, University of Dhaka, Dhaka 1000
- Assistant Professor (15/09/2008 – 09/08/2011)
  Department of Botany, University of Dhaka, Dhaka 1000
- Senior Scientific Officer (27/08/2007 – 14/09/2008)
  Bangladesh National Herbarium, Ministry of Environment & Forest
- Scientific Officer (23/4/1996 – 26/08/2007)
  Bangladesh National Herbarium, Ministry of Environment & Forest
- Assistant Curator (16/08/1995 – 22/04/1996)
  National Museum of Science and Technology, Ministry of Science and Technology

PROFESSIONAL SERVICES

1. **Consultant**, *Developing Bangladesh National Red List of Plants and Developing Management Strategy of Invasive Alien Species (IAS) of Plants in Selected Protected Areas (PAs)*' Project, IUCN Bangladesh (2020-2023).
2. **Fellow**, *Linnean Society of London* (2018 - Date).
3. **Commission Member**, *Species Survival Commission (SSC) Medicinal Plant Specialist Group, IUCN*, Gland, Switzerland (2017-2020).
4. **Chief Editor**, *Bangladesh Journal of Plant Taxonomy* (Clarivate Analytics) (2018).
5. **Subject Editor**, *Journal of Economic and Taxonomic Botany* (2019-2020).

6. **Vice President**, Bangladesh Association of Plant Taxonomists (2021 - 2023).
7. **Advisor**, Deeplaid Laboratories Ltd. [a leading Alternative Medicine Company (Homoeo, Unani & Herbal) of Bangladesh], Dhaka (2019-Date)
8. **Member**, *Asian Council of Science Editors* (2021, 2019).
9. **Contributor**, Updating and Mainstreaming of *National Biodiversity Strategy and Action Plant* (NBSAP) (2017).
10. **Editor**, *Bangladesh Journal of Plant Taxonomy* (2015 - 2017).
11. **Editor**, *International Journal of Nature and Life Sciences* (2017 - date).
12. **Contributor**, *Red Data Book of Vascular Plants of Bangladesh*, Volume 3 (2015). Bangladesh National Herbarium, Ministry of Environment and Forest, Government of the People's Republic of Bangladesh.
13. **Facilitator**, BAPT-AuthorAid Workshop on *Improving Research Communication Skills of Young Plant Scientists of Bangladesh*, financed by INASP (International Network for the Availability of Scientific Publications) and AuthorAid, Oxford, UK (2013).
14. **Contributor**, *Red Data Book of Vascular Plants of Bangladesh*, Volume 2 (2013). Ministry of Environment and Forest, Government of the People's Republic of Bangladesh.
15. **Executive Editor**, *Bangladesh Journal of Plant Taxonomy* (BJPT) (2010 - 2014).
16. **Reporteaur**, Fifth International Botanical Conference 2011: Technical Session 8 – "Systematics and Ethnobotany" (2011).
17. **General Secretary**, Bangladesh Association of Plant Taxonomists (2008 - 2011).
18. **Scrutinizer**, Encyclopedia of Flora and Fauna of Bangladesh, Vols. 6-12 (2007-2009). Asiatic Society of Bangladesh.
19. **Contributor**, National Capacity Self Assessment Project, IUCN, funded by UNDP (2007).
20. **Contributor**, *Encyclopedia of Flora and Fauna of Bangladesh*, Vols. 6-12 (2007-2009). Asiatic Society of Bangladesh. *Contributed the detailed species profile of 377 plant species under 18 angiosperm families in the Encyclopedia of Flora and Fauna of Bangladesh.*
21. **Councilor**, The International Society of Chromosome Botany (2006 -).
22. **Contributor**, Third National Biodiversity Report of Bangladesh (2005). Ministry of Environment and Forest, Government of the People's Republic of Bangladesh.
23. **Advisor**, *National Action Program (NAP) for Combating Desertification in Bangladesh*. United Nations Convention to Combat Desertification (UNCCD) (2004-2005).
24. **Contributor**, *Medicinal Plants Protection Act, Bangladesh* (2005). Bangladesh Agriculture Research Council, Ministry of Agriculture, Government of the People's Republic of Bangladesh.
25. **Specialist**, Species Conservation thematic group for preparing the "*National Biodiversity Strategy Action Plan*" (NBSAP) for Bangladesh implemented by IUCN Bangladesh (2004).
26. **Joint Secretary**, Bangladesh Association of Plant Taxonomists (2003 - 2007).
27. **Botanist**, *National Biodiversity and Strategic Action Plan* (2004). IUCN, Bangladesh, funded by UNDP and GEF.
28. **Editor**, *Medicinal Plants of Chittagong Hill Tracts, Bangladesh: Volume 1* (2003-2004). Ministry of Chittagong Hill Tracts, Government of the People's Republic of Bangladesh.
29. **Executive Committee Member**, Bangladesh Association of Plant Taxonomists (2003 – Date).
30. **Reporteur**, Agri-Invest 2003, Bangladesh Agriculture Research Council (2003).
31. **Biologist**, Ecological Baseline Studies in 'Jamalpur Project Refinement Study' funded by Commission of European Communities (1996).

32. **Biologist**, National Minor Irrigation Development Project' funded by Commission of European Communities (1995).

ADMINISTRATIVE SERVICES

- *Provost* (Acting) (10.03.2019 - 10 08.07.2019)
  Fazlul Huq Muslim Hall, University of Dhaka, Dhaka 1000
- *Senior House Tutor* (2015 – 9 March 2019)
  Fazlul Huq Muslim Hall, University of Dhaka, Dhaka 1000
- *House Tutor* (2013 – 2014)
  Fazlul Huq Muslim Hall, University of Dhaka, Dhaka 1000
- *Assistant House Tutor* (2011-2013)
  Fazlul Huq Muslim Hall, University of Dhaka, Dhaka 1000

TEACHING

Courses Taken and Subject Taught (Theory Courses):

- M.S. (Master of Science).: Angiosperm Systematics (Molecular Systematics & Phylogenetics)
- B.S. Honours (4th Year): Ethnobotany
- B.S. Honours (3rd Year): Contemporary Systematics
- B.S. Honours (2nd Year): Gymnosperm, Paleobotany and Economic Botany

Practical Courses:

Bot 501: Angiosperm Systematics;
Bot 404: Ethnobotany;
Bot 305: Contemporary Systematics;
Bot 202: Gymnosperm, Paleobotany and Economic Botany;
Bot 105: Angiosperm Taxonomy

As Mentor: Guided many M.S. Theses students and continuing guiding M.S. and Ph.D. students

RESEARCH

(A) Current Research

- ✓ A Comprehensive Survey and Documentation of Plant Diversity of Rajbari District: Distribution, Potential and Conservation.
- ✓ Taxonomic revision and morphometrics of the economically important family Anacardiaceae and unveiling potential anticancer drug candidates through molecular docking and molecular dynamics simulation.
- ✓ Unlocking Anicancer and Antidiabetic drug candidates from bioactive compounds of some indigenous medicinal plants of Bangladesh through bioinformatic approaches.
- ✓ Antioxidant, cytotoxicity, antidiabetic and aticancerous potential of *Ficus benjamina, Ficus rumphii, Clerodendrum viscosum* and *Argyreia nervosa*.
- ✓ Complete cp genome of some endangered species of Bangladesh: Genome structure, comparative analysis and phylogenetic relationships.

(B) <u>Previous Research</u>

- Identification and Evaluation of Natural Bioactive Phytochemicals from *Theobroma cacao* L. (Sterculiaceae) as Potential Drug Candidates against SARS-CoV-2 variant: A Bioinformatic Approach
- Screening of anticancer activity of *Argyreia nervosa*, *Vitex negundo* and *Clerodendrum viscosum* on HELA BHK-21, NP-derivatives (N4X4) and Vero cell lines.
- Taxonomic Revision, Morphometrics and molecular phylogenetics of the family Sterculiaceae in Bangladesh.
- Anti-angiogenic potential of bioactive phytochemicals from *Helicteres isora* (Sterculiaceae) targeting VEGFR-2 to fight cancer through molecular docking and molecular dynamics simulation.
- Floral diversity of Tungipara upazila of Gopalganj district focusing on economically and ecologically important species.
- Multi-functional pharmacological activities of *Woodfordia fruticosa*: An antioxidant, Antibacterial, Antidiarrhoeal, Cytotoxicity, Analgesic, Antidiabetic and Thrombolytic Evaluation.
- Biological activities of *Moringa oleifera* Lam. and *Amorphophallus paeoniifolius* (Dennst.) Nicolson.
- Karyomorphology of the genus *Zaphyranthes* Herb. (Liliaceae) and its taxonomic significance.
- Exploring biological activities of *Canna indica* (Cannaceae).
- A comparative study of leaf, bark and seeds of *Syzygium cumini* (L.) Skeels: Evaluation of antidiabetic, antioxidant and cytotoxic potential.
- A comprehensive survey and documentation of plant diversity of Gaffargaon upazila under Mymensingh district: Distribution, Potential and Conservation
- Angiosperm flora of Dhohar upazila under Dhaka district focusing on economically and ecologically important species.
- DNA sequencing of *Euphorbia scordifolia* based on nuclear ribosomal DNA internal transcribed spacer sequence
- Molecular characterization of the genus *Crotalaria* based on Random Amplified Polymorphic DNA
- Molecular phylogenetics of *Echinops* (Asteraceae) with special reference to nrDNA ITS sequence-based molecular typing of *Echinops abuzinadianus*
- Taxonomic revision and molecular characterization of *Desmodium* in Bangladesh
- Molecular systematic and cytotaxonomic studies of *Utricularia* L. (Lentibulariaceae)
- Cytotaxonomy of four floral variants of *Impatiens balsamina* L.
- Reproductive Biology of some medicinal plants of Bangladesh
- Taxonomic studies on the genus *Caesalpinia* from Bangladesh
- Biological activities of *Oroxylum indicum* Vent: An analgesic, antidiabetic, antioxidant, cytotoxicity, anti-diarrhoeal, anti-depressant, antibacterial and anticancer evaluation
- Morphology, anatomy and molecular characterization of different variants of *Canna indica* L.
- Pharmacological evaluation of *Glycosmis pentaphylla* (Rutaceae) as antidiabetic, antioxidant and cytotoxic agent

- Canvassing of anticancerous, antidiabetic, antidiarrhoeal and analgesic properties of *Aphanamixis polystachya*.
- Antioxidant, cytotoxicity and antidiabetic activities of *Streblus asper* Lour.
- Morphological and anatomical investigation of *Piper* L. in Bangladesh
- Antioxidant, cytotoxicity and antimicrobial activities of *Aphanamixis polystachya* (Wall.) R.N. Parker
- Multi-functional pharmacological credence of 16 Hydroxy betulinic acid, a novel triterpenoid isolated from *Mikania cordata*
- Biodiversity of Tillagarh reserve forest of Sylhet and Satchari reserve forest of Habiganj
- Biodiversity of Jaflong, Sylhet
- Biodiversity of Ratargul swamp forest, Sylhet
- Biodiversity of Dulahazara safari park, Cox's Bazar
- Biodiversity of Rajeshpur sal forest, Comilla
- Plant Biodiversity of Tanguar Haor, Sunamganj district
- Angiospermic Flora of Jamuna River Belt, Jamalpur district
- Angiospermic flora of Trishal Upazila, Mymensingh, focusing on medicinally important plants and their conservation
- Angiosperm flora of Sadar Upazila of Munshiganj district, Bangladesh
- Taxonomic studies of the family Liliaceae from Bangladesh
- Angiospermic flora of Dhamrai upazila, Dhaka
- Systematic studies on the genus *Senna* Mill. in Bangladesh
- Angiospermic flora of Runctia Sal forest, Sherpur district, Bangladesh
- Taxonomy and Biology of the family Bignoniaceae of Dhaka
- Evaluation of anti-nociceptive, anti-inflammatory and antipyretic potential of *Mikania cordata* (Burm. f.) Robinson
- Biological activities of *Mikania cordata* (Burm. f.) Robinson
- Antioxidant and cytotoxic properties of *Alstonia scholaris* (L.) R. Br.
- Variation in the pappus structure in some members of the Asteraceae
- Systematic studies in the family Cucurbitaceae from Bangladesh
- Angiospermic Flora of Bhawal National Park, Gazipur district

ADVANCED TRAINING

- ✓ **Capacity Building Training on Red List Assessment Process** Conducted by James Tallant, Ecosure, Australia and Emily Beech, Botanic Gardens Conservation International (BGCI), London from 27-30 October 2020.
- ✓ **Genomics and Proteomics** conducted by Dr. Glenn R. Hicks of the University of California, Riverside, USA from 16-24 July 2012.
- ✓ ***Plant Genetic Transformation, In-situ Hybridization and Bioinformatics*** conducted by Prof. Dr. Hans Jörg Jacobsen, Institute of Plant Genetics, Leibniz University, Hannover, Germany from 6-14 October 2012.
- ✓ ***Lab and Data Management Protocols for DNA Barcoding*** at the Academia Sinica, Taipei, Taiwan on 17 September 2007, sponsored by Smithsonian Institution, Washington, USA and Academia Sinica, Taiwan.
- ✓ ***Online Journal Publishing*** workshop at the University of Dhaka sponsored by International

Network for the Availability of Scientific Publications (INASP), Oxford, UK from 30 March -3 April 2008.

- ✓ ***Conservation and Utilization of Plant Genetic Resources*** at Bangladesh Agricultural Research Institute, Gazipur, Bangladesh from 5-8 February 2007.
- ✓ ***Modern Techniques of Plant Taxonomy*** conducted by Dr. Alastair Culham of the University of Reading, UK from 10-19 March 1998, funded by DFID, UK.
- ✓ ***Botanical Research And Herbarium Management System (BRAHMS)*** course conducted by Dr. Denis Filer of the Department of Plant Sciences, University of Oxford, UK from 8-19 January 1998, sponsored by DFID, UK.

PROJECT WORKS/ CONSULTANCY

1. 'Developing Bangladesh National Red List of Plants and Developing Management Strategy of Invasive Alien Species (IAS) of Plants in Selected Protected Areas (PAs)' implemented by IUCN Bangladesh.
2. 'National Biodiversity Strategy and Action Plan (NBSAP)' Project implemented by IUCN.
3. 'National Action Plan (NAP) for Combating Desertification in Bangladesh under United Nations Convention to Combat Desertification' (UNCCD).
4. 'Bioprospecting on Biological Materials of Bangladesh' funded by Government of South Korea.
5. Environmental and Ecological Baseline Study Project funded by European Commission.
6. National Conservation Strategy (NCS) Project under Ministry of Environment and Forest.
7. National Minor Irrigation Development Project funded by European Commission.
8. 'Encyclopedia of Flora and Fauna of Bangladesh' Project implemented by Asiatic Society of Bangladesh
9. 'Medicinal Plants of Chittagong Hill Tracts' Project.
10. 'Bioremediation of arsenic by using arsenic-resistant nitrogen fixing bacteria compatible to leguminous crops *Arachis hypogaea* L. (groundnut) and *Lens culinaris* Medik. (lentil) in the arsenic affected soil of Bangladesh' funded by the Ministry of Science and Technology
11. 'A comprehensive survey and documentation of plant diversity of Gafargaon sub-district under Mymensingh district: Distribution, Potential and Conservation' funded by University of Dhaka.
12. "Enhancing growth and nitrogen fixation in *Arachis hypogaea* L. (groundnut) and *Lens culinaris* Medik. (lentil) by using indigenous rhizobia in agricultural soil of Bangladesh" funded by the Ministry of Science and Technology.

AWARDS, FELLOWSHIPS AND HONORS

- **Golden Jubilee Award**, Department of Botany, University of Dhaka (2006).
- **Monbusho Scholarship of Japan Government** nominated by Ministry of Education for Ph. D. study in Japan (1999-2003). Stood **First in order of merit** from Bangladesh in obtaining the scholarship in 1999.
- **National Science and Technology (NST) Fellowship** from the Ministry of Science and Technology, Government of Bangladesh (1997).
- **Gold Medal Award** for standing First Class First Position in B. Sc. (Hon.) examination by Lion Club of Dhaka, Bangladesh (1993).
- **Awarded Medal by the Vice-Chancellor**, University of Dhaka at the Award ceremony of the top meritorious students of the University of Dhaka (1993).
- **Dean Honour's Award** from the Faculty of Biological Sciences, University of Dhaka for outstanding academic performance and regularity (1988).

PUBLICATIONS

1. **Rahman, M.O**, Ahmed, S.S., Alqahtani, A.S., Hamid, K., Sultana, M. and Ali, M.A. 2025. Adenocarpine, marmesin and lycocernuine from *Ficus benjamina* as promising inhibitors of aldose reductase in diabetes: A bioinformatics-guided approach. *Applied Biochemistry and Biotechnology* **197**: 3215–3257. https://doi.org/10.1007/s12010-024-05160-6 [Springer Nature].
2. Ahmed, S.S., **Rahman, M.O.**, Hasan, M.S., S.M. Nasir Uddin, S.M.N. and Begum, M. 2025. *In silico* investigation of *Toxicodendron succedaneum* phytochemicals as extracellular signal-regulated kinase 2 inhibitors for non-small cell lung cancer therapy. *Medical Oncology* **42**: 260 https://doi.org/10.1007/s12032-025-02800-7 [Springer Nature].
3. **Rahman, M.O.**, Ahmed, S.S., Alqahtani, A.S., Rehman, M.T., Sultana, N., Bouhrim, M., Ali, M.A. and Lee, J. 2025. Novel AChE inhibitors from stigmasterol analogs for Alzheimer's disease therapy: High-throughput virtual screening, ADMET, MD simulation, MM/GBSA, and DFT calculations. *Scientific Reports* [Under Review] [Nature portfolio].
4. Hasan, M.S., Ahmed, S.S., Uddin, M.N., Begum, B. and **Rahman, M.O.** 2025. Deciphering morphometric relationships of Anacardiaceae (Rr. Br.) Lindl. in Bangladesh. Bangladesh J. Bot. **54**(2): 199-209. https://doi.org/10.3329/bjb.v54i2.82020
5. Ahmed, S.S., **Rahman, M.O.,** Alqahtani, A.S., Hasan, M.S., Banu, M., Sultana, N., Uddin, M.N., Akbar, M.A. and Begum, M. 2025. Unlocking Colorectal Cancer Drug Candidates from *Semecarpus anacardium*: Insights from Pharmacoinformatics, Molecular Dynamics Simulation and Free Binding Energy Calculations. Submitted to *Saudi Pharmaceutical Journal* [Springer Nature]
6. Ahmed, S.S. and **Rahman, M.O.** 2025. Designing a conserved subunit multi-epitope vaccine candidate against *Francisella tularensis* Schu S4 strain through reverse vaccinology-based immunoinformatics approach. Scientific Reports [Nature portfolio].
7. Ahmed, S.S. and **Rahman, M.O.** 2025. Complete chloroplast genome of *Fraxinus griffithii* C.B. Clarke (Oleaceae): Insights into genome structure and molecular phylogenetics. *Bangladesh J. Plant Taxon.* **32**(1): 27-44.
8. Alofi, R.L.S., Ali, M.A., Alwahibi, M.S., Ahmed, S.S., **Rahman, M.O**., Mahato, R., Kim, S.-Y. and Lee. J. 2025. *De novo* nuclear genome assembly and annotation of *Aizoon canariense* L. (Aizoaceae): Uncovering genomic adaptations of a medicinal herb to arid environments. *Bangladesh J. Plant Taxon.* **32**(1): 1-16.
9. Ahmed, S.S. and **Rahman, M.O.** 2025. Molecular phylogenetics and divergence dating of Byttnerioideae in Bangladesh using the *matK* barcode. *J. Asiat. Soc. Bang. Sci.* [Under review].
10. Ahmed, S.S. and **Rahman, M.O.** 2025. Comparative genomics and phylogenetic analysis of complete chloroplast genome of *Scaphium scaphigerum* (Wall. *ex* G. Don) G. Planch. *Dhaka Univ. J. Biol. Sci.* **34**(1): 119-143. https://doi.org/10.3329/dujbs.v34i1.79865
11. Ahmed, S.S. and **Rahman, M.O.** 2025. Deciphering the anticancer potential of *Lannea coromandelica* targeting Apoptosis Signal-regulatory Kinase 1 via advanced computational biology approaches. *Dhaka Univ. J. Biol. Sci.* **34**(1): 1-23.
    https://doi.org/10.3329/dujbs.v34i1.79834
12. Ahmed, S.S. and **Rahman, M.O.** 2024. From Flora to Pharmaceuticals: 100 new additions to angiosperms of Gafargaon subdistrict in Bangladesh and unraveling antidiabetic drug candidates targeting DPP4 through in silico approach. *PLoS ONE* **19**(3): e0301348. https://doi. org/10.1371/journal.pone.0301348
13. **Rahman, M.O.,** Ahmed, S.S., Alqahtani, A.S., Cakilcioğlu, U. and Akbar, M.A. 2024. Insight into novel inhibitors from *Sterculia urens* against Cholera via pharmacoinformatics and molecular dynamics simulation approaches, *J. Biomol. Struct. & Dynam/* **42**(19): 10022-10043. https://doi.org/10.1080/07391102.2023.2254841. [Taylor & Francis].

14. Ahmed, S.S. and **Rahman, M.O.** 2024. Deciphering complete chloroplast genome sequence of *Meconopsis torquata* Prain: insights into genome structure, comparative analysis and phylogenetic relationships. *Heliyon* **10**: e36204. (Cell Press) https://doi.org/10.1016/j.heliyon.2024.e36204
15. Albediwi, A.S., Ali, M.A., Alwahibi, M.S., Ahmed, S.S., **Rahman, M.O**., Kim, S.-Y., Elshikh, M.S. and Alsuhaimi, N.M. 2024. Unveiling the complete chloroplast genome of *Tribulus macropterus* var. *arabicus* (Hosni) Al-Hemaid & J. Thomas: Genome structure, comparative analysis and phylogeny. *Bangladesh J. Plant Taxon.* **31**(1): 1-14. https://doi.org/10.3329/bjpt.v31i1.74370
16. Ahmed, S.S. and **Rahman, M.O.** 2024. Systematics and morphometrics of the subfamily Byttnerioideae Burnett in Bangladesh. Bangladesh J. Plant Taxon. **31**(1): 123-140. https://doi.org/10.3329/bjpt.v31i1.74393
17. Banu, M., Ahmed, S.A., Begum, M. and **Rahman, M.O.** 2024. Integrating taxonomy and drug discovery: Liliopsida flora of Rajbari, Bangladesh targeting *Amorphophallus paeoniifolius* for colorectal cancer therapy. *Bangladesh J. Plant Taxon.* **31**(2): 239-264. https://doi.org/10.3329/bjpt.v31i2.78751
18. Alsuhaimi, N.M., Ali, M.A., Alwahibi, M.S., Ahmed, S.S., **Rahman, M.O**., Pandey, S.K., Elshikh, M.S., Alshallali, S.R.S., Lee, J. and Kim, S.-Y. 2024. Complete chloroplast genome sequence of a novel *Withania somnifera* (L.) Dunal: Comparative genomics and phylogenetic insights. *Bangladesh J. Plant Taxon.* **31**(2): 205-223.
    https://doi.org/10.3329/bjpt.v31i2.78749
19. Suchana, L., **Rahman, M.O.,** Rashid, M.A., Sultan, M.Z. and Hassan, M.A. 2024. Evaluation of *in vitro* cytotoxic and anticancer activities of selected plant extracts growing in Bangladesh. *Dhaka Univ. J. Pharm. Sci.* **23**(2): 201-204. https://doi.org/10.3329/dujps.v23i2.78576
20. Afroz, S., Begum, K.N., Saha, S., Hassan, M.A. and **Rahman, M.O.** 2024. Taxonomy, karyomorphology and pollen viability of *Hymenocallis littoralis* (Jacq.) Salisb. (Amaryllidaceae). *Bangladesh J. Plant Taxon.* **31**(2): 265-273.
    https://doi.org/10.3329/bjpt.v31i2.78752
21. **Rahman, M.O. 2024.** *Colocasia hassanii*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 154.
22. **Rahman, M.O.** 2024. *Dendrobium chrysotoxum*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 199.
23. **Rahman, M.O.** 2024. *Corypha taliera*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 208.
24. **Rahman, M.O.** 2024. *Streblus asper*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 384.
25. **Rahman, M.O.** 2024. *Alchornea tiliifolia*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 512.

26. **Rahman, M.O.** 2024. *Croton tiglium*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 525.
27. **Rahman, M.O.** and Rahman, M.M. 2024. *Maclura fruticosa*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 365.
28. Afroz, S. and **Rahman, M.O.** 2024. *Tinospora sinensis*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 230.
29. Afroz, S. and **Rahman, M.O.** 2024. *Ampelocissus latifolia*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 245.
30. Afroz, S. and **Rahman, M.O.** 2024. *Ziziphus xylopyrus*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 338.
31. Afroz, S. and **Rahman, M.O.** 2024. *Ficus sinuata*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 363.
32. Afroz, S. and **Rahman, M.O.** 2024. *Ficus heterophylla*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 373.
33. Afroz, S. and **Rahman, M.O.** 2024. *Ficus subincisa*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 397.
34. Afroz, S. and **Rahman, M.O.** 2024. *Ficus trichocarpa*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 398.
35. Ahmed, S.S. and **Rahman, M.O.** 2024. *Aristolochia acuminata*. *In*: M.O. Rahman (ed.), IUCN Bangladesh. *Plant Red List of Bangladesh Volume 1*. Bangladesh National Herbarium, Forest Department, Ministry of Environment, Forest and Climate Change and IUCN, International Union for Conservation of Nature and Natural Resources. p. 59.
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NEW SPECIES RECORDS DESCRIBED FROM BANGLADESH

1. *Abrus precatorius* var. *albo-spermum* Hassan, Rahman *et* Afroz, **var. nov**.
2. *Aristolochia elegans* Mast. (Aristolochiaceae)
3. *Cleidiocarpon laurinum* Airy Shaw (Euphorbiaceae)
4. *Diospyros albiflora* Alston (Ebenaceae)
5. *Euphorbia pycnostegia* Boiss. (Euphorbiaceae)
6. *Euphorbia repens* K. Koch (Euphorbiaceae)
7. *Guazuma ulmifolia* Lam. (Sterculiaceae)
8. *Helicteres viscida* Bl. (Sterculiaceae)
9. *Hydrocotyle verticillata* Thunb. (Apiaceae)
10. *Pulicaria vulgaris* Gaertn. (Asteraceae)
11. *Solanum barbisetum* Nees (Solanaceae)
12. *Solanum capsicoides* All. (Solanaceae)
13. *Sterculia urens* Roxb. (Sterculiaceae)
14. *Tabernaemontana corymbosa* Roxb. (Apocynaceae)
15. *Tabernaemontana crispa* Roxb. (Apocynaceae)
16. *Vernonia pyramidale* (D. Don) S. N. Mitra (Asteraceae)
17. *Jungermannia exertifolia* Steph. (Bryophyte)

JOURNAL AND BOOKS EDITED AND REVIEWED

1. Bangladesh Journal of Plant Taxonomy (Thomson Reuters, USA) [Vol. 17 (2010) to Vol. 25 (2018)]
2. Medicinal Plants used by the Tribal people of Chittagong Hill Tracts, Bangladesh, Vol. 1. Ministry of Chittagong Hill Tracts, Government of the People's Republic of Bangladesh (2004).
3. Encyclopedia of Flora and Fauna of Bangladesh, Vol. 7. Angiosperm: Dicotyledons (Balsaminaceae – Euphorbiaceae). Asiatic Society of Bangladesh, Dhaka (2008).
4. Encyclopedia of Flora and Fauna of Bangladesh, Vol. 8. Angiosperm: Dicotyledons (Fabaceae – Lythraceae). Asiatic Society of Bangladesh, Dhaka (2009).
5. Encyclopedia of Flora and Fauna of Bangladesh, Vol. 9. Angiosperm: Dicotyledons (Magnoliaceae – Punicaceae). Asiatic Society of Bangladesh, Dhaka (2009).
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7. Encyclopedia of Flora and Fauna of Bangladesh, Vol. 12. Angiosperm: Monocotyledons (Orchidaceae – Zingiberaceae). Asiatic Society of Bangladesh, Dhaka (2008).

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1. Fellow, Linnean Society of London, United Kingdom.
2. Member, Asian Council of Science Editors, United Arab Emirates.
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SCIENTIFIC/ ORGANIZING COMMITTEE MEMBERS OF INTERNATIONAL CONFERENCES AND SYMPOSIA

- *International Symposium on Plant Taxonomy and Ethnobotany*
  Central National Herbarium, Kolkata, India, 13-14 February 2020
- *International Traditional Medicine Conference*, Dubai, United Arab Emirates
  17-18 October 2019.
- *International Conference on Plant Science Technology and Molecular Biology (ICPM 2019)*
  Valencia, Spain**,** 23-25 May 2019
- *European Congress on Applied Science & Innovative Engineering*
  Athens, Greece, 12-13 November 2018
- *International Artvin Symposium*
  Artvin, Turkey, 18-20 October 2018
- *3rd World Congress on Medicinal Plants and Natural Products Research*
  Kuala Lumpur, Malaysia, 2-3 October 2017

RESEARCH GRANTS RECEIVED

- "Taxonomic revision and morphometrics of the economically important family Anacardiaceae and unveiling potential anticancer drug candidates through molecular docking and molecular dynamics simulation" financed by Bangladesh University Grants Commission (2023-2024)
- "Unveiling potential anti-diabetic and anticancer drug candidates from *Ficus benjamina* L. through *In Vitro, In Vivo* and *Bioinformatics* approaches" financed by Bangladesh University Grants Commission (2022-2023)

- "Biological investigation of *Alangium chinense* (Lour.) Harms targeting antimicrobial, antioxidant and cytotoxic properties through *in vitro*, *in vivo* and *in silico* approaches" funded by the Centre of Advanced Studies and Research in Biological Science, University of Dhaka (2021-2022)
- "Systematics, morphometrics and molecular characterization of Sterculiaceae in Bangladesh" funded by the Ministry of Science and Technology, Government of the People´s Republic of Bangladesh (2021-2022).
- "Exploring anticancer potential of different extracts of *Argyreia nervosa* (Burm f.) Boj and *Clerodendrum viscosum* Vent. on HeLA, BHK-21, N4X4 and Vero cell lines" funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka, Bangladesh (2020-2021).
- "Screening of Anticancer Activity of *Ficus hispida* L. f. on HELA, BHK-21, NP-2 derivatives, and VERO cell lines" funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka, Bangladesh (2019-2020).
- "Biological Evaluation of *Ficus hispida* L. f. as Antidiabetic, Antioxidant and Cytotoxic Agent" funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka, Bangladesh (2018-2019).
- "A comprehensive survey and documentation of plant diversity of Dhohar Upazila, Dhaka: Potential, Distribution and Conservation" funded by Bangladesh University Grants Commission (2017-2018).
- "A comprehensive survey and documentation of plant diversity of Gaffargaon sub-district under Mymensingh district: Distribution, Potential and Conservation" funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka, Bangladesh (2017-2018).
- "Evaluation of anti-nociceptive, anti-inflammatory and antipyretic potential of *Mikania cordata* (Burm. f.) Robinson" funded by King Saud University, Riyadh, Saudi Arabia (2016-2017).
- "Bioprospecting on Biological Materials of Bangladesh" funded by Korea Research Institute of Biosciences and Biotechnology, South Korea (2015-2016).
- "Enhancing growth and nitrogen fixation in *Arachis hypogaea* L. (groundnut) and *Lens culinaris* Medik. (lentil) by using indigenous rhizobia in agricultural soil of Bangladesh" funded by the Ministry of Science and Technology, Government of the People´s Republic of Bangladesh (2013-2014).
- "Bioremediation of arsenic by using arsenic-resistant nitrogen fixing bacteria compatible to leguminous crops *Arachis hypogaea* L. (groundnut) and *Lens culinaris* Medik. (lentil) in the arsenic affected soil of Bangladesh" funded by the Ministry of Science and Technology, Government of the People´s Republic of Bangladesh (2012-2013).
- "Angiospermic flora of Trishal upazila, Mymensingh focusing on medicinally important plant species and their conservation" funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka, Bangladesh (2012-2013).
- "Genetic variation and interspecific relationships of *Crotalaria* from Bangladesh using PCR based DNA markers" funded by Biotechnology Research Centre, University of Dhaka, Bangladesh (2011-2012).
- "Systematics of economically important genus *Desmodium* in Bangladesh" funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka, Bangladesh (2011-2012).
- "Molecular characterization of *Desmodium* species from Bangladesh using RAPD markers"

funded by Biotechnology Research Centre, University of Dhaka, Bangladesh (2010-2011).

KEYNOTE / INVITED SPEAKER

Keynote Speaker – *Triennial Plant Taxonomy Conference 2024,* Dhaka, Bangladesh, 4 May 2024, Organized by Bangladesh Association of Plant Taxonomists.

Title of Keynote Speech: 'Plant Taxonomy Matters".

Invited Speaker – '*2018 International Conference on the Pharmacology of Traditional Medicine of the Belt and Road Initiatives'* in Beijing, China, 6-9 May 2018

Title of the Invited Speech: 'Multi-functional pharmacological credence of triterpenoid 16-hydroxy betulinic acid isolated from *Mikania cordata*'

Keynote Speaker – '*3rd World Congress on Medicinal Plants and Natural Products Research*' in Kuala Lumpur, Malaysia, 2-3 October 2017

Title of the Keynote Paper: 'Biological activities of Essential Oil and Extracts from *Mikania cordata* (Burm. f.) Robinson: An analgesic, anti-inflammatory and antipyretic evaluation'

SELECTED CONFERENCE PAPERS

1. Suchana, L., **Rahman, M.O.** and Hassan, M.A. 2024. Cell line-specific evaluation of cytotoxic and anticancer activity: *Argyreia nervosa* and *Clerodendrum viscosum* on HeLa, BHK-21, N4X4 and Vero cells. *Proceedings of the 8th International Botanical Conference*, 28-29 February 2024, Dhaka.
2. Sultana, M. and **Rahman, M.O.** 2024. Unveiling multifaceted biological activities of indigenous medicinal plant *Ficus rumphii* Blume. *Proceedings of the 8th International Botanical Conference*, 28-29 February 2024, Dhaka.
3. Ahmed, S.S. and **Rahman, M.O.** 2024. Systematics, Morphometrics, and Molecular Phylogenetics of the Subfamily Byttnerioideae Burnett in Bangladesh. *Proceedings of the 8th International Botanical Conference*, 28-29 February 2024, Dhaka.
4. **Rahman, M.O.** and Ahmed, S.S. 2024. Unraveling potential anticancer drug agents form *Helicteres isora* phytocompounds targeting VEGFR through molecular docking and molecular dynamics. *Proceedings of the 8th International Botanical Conference*, Dhaka.
5. Ahmed, S.S. and **Rahman, M.O.** 2024. Bridging flora and medicine: 100 new additions to Angiosperms of Gafargaon upazila and unveiling antidiabetic drug agents via bioinformatics-guided approaches. *Proceedings of the Triennial Plant Taxonomy Conference,* 4 May, 2024, Dhaka, Bangladesh. P.
6. Ahmed, S.S. and **Rahman, M.O. 2024**. Decoding the first complete chloroplast genome of *Fraxinus griffithii* C.B. Clarke: Insights into comparative genomics, molecular dating and phylogenetic relationships. *Proceedings of the Triennial Plant Taxonomy Conference,* 4 May, 2024, Dhaka, Bangladesh. P.
7. Banu, M., Begum, M. and **Rahman, M.O.** 2024. Taxonomic studies on the angiospermic flora of Rajbari district, Bangladesh. *Proceedings of the Triennial Plant Taxonomy Conference,* 4 May, 2024, Dhaka, Bangladesh. P.
8. Hasan, M.D., Ahmed, S.S. and **Rahman, M.O**. 2024. Taxonomic revision and morphometrics of the family Anacardiaceae in Bangladesh. *Proceedings of the Triennial Plant Taxonomy Conference,* 4 May, 2024, Dhaka, Bangladesh. P.
9. Suchana, L., **Rahman, M.O**. and Hassan, M.A. 2024. Unlocking the cytotoxic and anticancer potential of *Moringa oleifera* Lamk. extracts on HeLa, BHK-21, N4X4 and Vero cell lines through *in vitro* screening. *Proceedings of the Triennial Plant Taxonomy Conference,* 4 May,

2024, Dhaka, Bangladesh. P.

10. Sultana, M. and **Rahman, M.O.** 2024. Antioxidant, anti-inflammatory, cytotoxicity and anticancer potential of *Ficus rumphii* Blume. *Proceedings of the Triennial Plant Taxonomy Conference,* 4 May, 2024, Dhaka, Bangladesh. P.
11. Ahmed, S.S., and **Rahman, M.O.** 2023. Designing a conserved subunit multi-epitope vaccine candidate against Francisella tularensis Schu S4 strain through reverse vaccinology-based immunoinformatics approach. *Proceedings of the* ***International Conference on Pharmaceutical Sciences 2023: Trends in 21st Century****,* p. 16.
12. Ahmed, S.S. and **Rahman, M.O.** 2022. Identification of Natural Bioactive Phytochemicals from *Theobroma cacao* L. as Potential Drug Candidates against SARS-CoV-2 variant: An *in silico* approach. Proceeding of the ***Annual Taxonomy Conference***, 21 May 2022, Dhaka, Bangladesh, p. 45.
13. Hossain, M.M., **Rahman, M.O.** and Hassan, M.A. Antidiabetic, cytotoxic and antioxidant potential of *Moringa oleifera* Lam. and *Amorphophallus paeoniifolius* (Dennst.) Nicolson. Proceeding of the ***Annual Taxonomy Conference***, 21 May 2022, Dhaka, Bangladesh, p. 45.
14. Suchana, L. **Rahman, M.O.** and Hassan, M.A. 2022. *In vitro* cytotoxic and anticancer activity of some species on HeLa, BHK-21, NP-2 derivatives and Vero cell lines. Proceeding of the ***Annual Taxonomy Conference***, 21 May 2022, Dhaka, Bangladesh, p. 46.
15. Rahman, M.M., Sultana, N. and **Rahman, M.O.** 2022. Multi-functional Biological Activities of *Woodfordia fruticosa* (L.) Kurz through in vitro and in vivo screening. Proceeding of the ***Annual Taxonomy Conference***, 21 May 2022, Dhaka, Bangladesh, pp. 46-47.
16. **Rahman, M.O.**, Rashid, M.A., Keya, R.J. and Hassan, M.A. 2019. Multi-functional pharmacological activities of *Syzygium cumini*: An antidiabetic, cytotoxic and antioxidant evaluation. ***International Traditional Medicine Conference,*** **October 17-18, 2019, Dubai, UAE**. p. 15.
17. **Rahman, M.O**., Sultana, N., Rashid, M.A. and Hassan, M.A. 2018. Exploring biological and chemical properties of *Oroxylum indicum* (L.) Kurz. ***EuroSciCon Conference on Applied Science, Biofuels & Petroleum Engineering***, **12-13 November, 2018, Athens, Greece**, p. 49.
18. **Rahman, M.O.**, Siddiqui, S.A., Rahman, A., Akbar, M.A. and Ali, M.A. 2018. Multi-functional pharmacological credence of triterpenoid 16-hydroxy betulinic acid isolated from *Mikania cordata*. ***2018 International Conference on the Pharmacology of Traditional Medicine of the Belt and Road Initiatives***, 6-9 May 2018, Beijing, China.
19. Sultana, N., Akhi, S.S., Hassan, M.A. and **Rahman, M.O.** 2019. Discrepancies in *Canna indica* L. complex as revealed by morphological and anatomical studies. Paper presented in '***Biennial Taxonomy Conference***' organized by Bangladesh Association of Plant Taxonomists, Dhaka, Bangladesh.
20. **Rahman, M.O.,** Huq, T.T. and Begum, M. 2019. Plant diversity of Dhohar Upazila of Dhaka district, Bangladesh: Potential, Distribution and Conservation. Paper presented in '***Biennial Taxonomy Conference***' organized by Bangladesh Association of Plant Taxonomists, Dhaka, Bangladesh.
21. **Rahman, M.O.**, Rahman, M.Z., Sony, S.K. and Islam, M.N. 2018. Molecular characterization of some taxa of *Desmodium* Desv. based on random amplified polymorphic DNA markers. *7th International Botanical Conference*, 2-3 February 2018, Dhaka, Bangladesh. p. 58.
22. Sultana, N., **Rahman, M.O.**, Hassan, M.A. and Rashid, M.A. 2018. Evaluation of biological and chemical properties of *Oroxylum indicum* (L.) Kurz. *7th International Botanical Conference*, 2-3 February 2018, Dhaka, Bangladesh. p. 61.
23. Sultana, N., **Rahman, M.O.**, Hassan, M.A. and Rashid, M.A. 2018. Antioxidant, cytotoxicity and antimicrobial activities of *Aphanamixis polystachya* (Wall.) R. N. Parker. *7th International*

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24. **Rahman, M.O.** 2017. Biological activities of essential oil and extracts from *Mikania cordata* (Burm. f.) Robinson: An analgesic, anti-inflammatory and antipyretic evaluation. ***3rd World Congress on Medicinal Plants and Natural Products Research*, Kuala Lumpur, Malaysia,** 2-3 October 2017.
25. Sulatan, M., Begum, M., **Rahman, M.O.** and Hassan, M.A. 2018. Ethnobotanical survey in Patuakhali district, Bangladesh. *Triennial Plant Taxonomy Conference*, 10 February 2018, Bangladesh National Herbarium, Dhaka.
26. Rahman, M.B., Hassan, M.A. and **Rahman, M.O.** 2018. Taxonomy, ethnobotaany, propagation and distributional abundance of an indigenous medicinal plant *Glycosmis pentaphylla* (Retz.) A. DC. *Triennial Plant Taxonomy Conference*, 10 February 2018, Bangladesh National Herbarium, Dhaka.
27. Sultana, M., Begum, M., Hassan, M.A. and **Rahman, M.O**. 2011. Taxonomic studies on the angiospermic flora of Patuakhali district in Bangladesh. *Fifth International Botanical Conference,* 9-11 December 2011, Dhaka, Bangladesh.
28. Khatun, M., Hassan, M.A., **Rahman, M.O**., Begum, M and Islam, S.N. 2011. Taxonomy and ethnobotany of the leafy vegetables in Bangladesh. *Fifth International Botanical Conference*, 9-11 December 2011, Dhaka, Bangladesh.
29. Khatun, A., **Rahman, M.O**., Begum, M and Hassan, M.A. 2011. Diversity of pappus structure in some species of Asteraceae in Bangladesh. *Fifth International Botanical Conference*, 9-11 December 2011, Dhaka, Bangladesh.
30. Antara, R.T., **Rahman, M.O.**, Begum, M and Hassan, M.A. 2011. Angiospermic flora of Dhamrai upazila, Dhaka, Bangladesh. *Fifth International Botanical Conference*, 9-11 December 2011, Dhaka, Bangladesh.
31. Khatun, M., Hassan, M.A., **Rahman, M.O.** and Islam S.N. 2012. Ethnobotanical studies of the leafy vegetables of Bangladesh. *Annual Plant Taxonomy Conference*, 22 December 2012, Dhaka.
32. Alam, M.A. and **Rahman, M.O.** 2012. Angiospermic flora of Trishal Upazila, Mymensingh, Bangladesh. *Annual Plant Taxonomy Conference*, 22 December 2012, Dhaka.
33. **Rahman, M.O.** and Kondo, K. 2002. Evaluation of inter simple sequence repeat (ISSR) markers for systematic relationships of some terrestrial species of *Utricularia* L. (Lentibulariaceae). ***4th International Carnivorous Plant Conference*,** 21-23 June 2002, Tokyo, Japan.

MAJOR INTERNATIONAL CONFERENCES ATTENTED ABRAOD

1. *2018 International Conference on the Pharmacology of Traditional Medicine of the Belt and Road Initiatives*, Beijing 6-9 May 2018.
2. *Third World Congress on Medicinal Plants and Natural Products Research* in Kuala Lumpur, Malaysia, 2-3 October 2017.
3. *Second International Barcode of Life Conference* in Taipei, Taiwan, 18-20 September 2007.
4. *Fourth International Carnivorous Plant Conference* in Tokyo, Japan, 21-23 June 2002.
5. *International Orchid Conference* in Shimanami, Japan, 28-29 April 1999.

COUNTRIES VISITED

- Japan Singapore Taiwan
- Saudi Arabia Malaysia China

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