

DR MOHAMMED KAMRUL HUDA



Present Address Associate Professor, Department of Botany
University of Chittagong, Chittagong 4331, Bangladesh
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INTEREST Interested in DNA sequencing and bar coding of life to find out the orchid phylogenetic relationship among critical species of Bangladesh and also in analyzing and screening the bioactive phytochemical components of medicinally important orchids used by the ethnic people of Bangladesh

TEACHING EXPERIENCES

2006-onward Associate Professor, Department of Botany, University of Chittagong, Chittagong, Bangladesh
2000-2006 Assistant Professor, Department of Botany, University of Chittagong, Chittagong, Bangladesh
1999-2000 Lecturer in Botany, University of Chittagong, Chittagong, Bangladesh

EDUCATION

1997.2001 Ph. D. “Diversity, Ecology, Reproductive Biology and conservation of Orchids of South East Bangladesh”,
Department of Plant and Soil Science, University of Aberdeen, Scotland
1994-1996 M. Sc. in Botany “Natural regeneration potential and nutrient cycling in garjan (*Dipterocarpus turbinatus* Gaertn. f.) of Dulahazara garjan forest’,
University of Chittagong, Chittagong, Bangladesh, (Exam of 1992 held in 1996)
Result: First Class 1st position
1989-1993 B. Sc. (Honours) in Botany, (Exam of 1991 held in 1993),
Department of Botany, University of Chittagong, Chittagong, Bangladesh
Result: First Class 3rd position
1986-1988 Higher Secondary Certificate Examination in (Science), Exam of 1988
Chittagong College, Chittagong, Under Comilla Examination Board
Result: First Division
1981-1986 Secondary School Certificate Examination (Science), Exam of 1986
Chittagong Collegiate School, Chittagong, under Comilla Examination Board
Result: First Division with star marks

POSITION HELD

- 2010-2011 Postdoctoral Research Fellow, Department of Plant and Soil Science,
University of Aberdeen, Aberdeen, UK
- 2006-onwards Associate Professor, Department of Botany, University of Chittagong,
Chittagong 4331, Bangladesh
- 2006 Honorary Research Fellow, Department of Plant and Soil Science,
University of Aberdeen, Aberdeen, UK
- 1996-1997 Research Fellow, Chittagong University-Aberdeen University Biodiversity
Link Project

PROFESSIONAL SERVICES

- 2009 - present Provost, Pritilata Hall, University of Chittagong, Chittagong
- 2008-2009 General Secretary, Chittagong University Teachers association (CUTA)
- 2007-2009 Senior House Tutor, Khaleda Zia Hall, University of Chittagong, Chittagong
- 2005-2006 Joint Secretary, Biodiversity Research Group of Bangladesh

AWARDS AND SCHOLARSHIP

1. Islamic Development Bank (IDB) Post Doctoral Merit Scholarship in 2009-2010
2. Faculty Research Grant from Chittagong University for Orchid Ecology Research in 2009
3. National Science of Technology Research Grant for Biotechnology Research in 2009
4. The Royal Society, UK award for a short research visit to UK in 2006
5. Faculty scholarship for Ph. D. field work from Faculty of Science and Engineering,
University of Aberdeen, UK in 1999
6. DfID and CICHE Award for Ph. D. research work in 1997-2000
7. Gold medal for excellent result in Master's degree (Best student award) in 1996
8. Book award for excellent result in Bachelor's (Hons.) degree
9. Primary and Junior Scholarship in 1980 and 1983 respectively

RESEARCH ASSOCIATION AND MEMBERSHIP

- Bangladesh Botanical Society, Bangladesh- member
- Biodiversity Research Group of Bangladesh- member
- International Orchid Society- member
- Bangladesh Journal of Plant Taxonomy- reviewer
- Journal of Life Sciences – reviewer
- Chittagong University Journal of Biological Science-reviewer

TRAINING COURSES TAKEN

1. International Training course on Biodiversity expedition
Department of Botany, Chittagong University, Chittagong, Bangladesh
2. International Workshop on herbarium techniques
Bangladesh National Herbarium, Dhaka, Bangladesh
3. Training courses on Scanning Electron Microscope
Department of Zoology, University of Aberdeen, UK

COUNTRY VISITED

India, Malaysia, Singapore, United Arab Emirates, Qatar, Kuwait, United Kingdom

PAPER PRESENTED IN PROFESSIONAL MEETING AND CONFERENCES

- 2010 8th International Flora Malesiana Symposium, held in Singapore from 23-27 August 2010. "Colonisation and diversity of epiphytic orchids on trees in the disturbed and undisturbed forests in Asian tropics"- presented paper in the ecology session
- 2009 Global Summit on medicinal and aromatic plants-held in Kuching, Malaysia "Reproductive biology of medicinally important orchids of Bangladesh"- presented paper and chair a scientific session.
- 2009 Annual International Conference, held in Dhaka, Bangladesh "Reproductive failure in orchids of Bangladesh"
- 2008 National Orchid Symposium, held in Chandigarh, India "Ecology and colonization pattern of orchids of Sylhet, Bangladesh"
- 2007 Annual Botanical Conference, held in Jahangir nagar University, Bangladesh "Distribution pattern of orchids in Bangladesh"
- 2005 Annual Botanical Conference, held in Jahangir nagar university, Bangladesh "Diversity of terrestrial orchids in south east Bangladesh."
- 2004 2nd Summit on medicinal and aromatic plants-held in New Delhi, India "Medicinal orchids of Bangladesh and their distribution"
- 2003 Biannual International Botanical Conference, Dhaka, Bangladesh "Rarity of orchids-causes and remedies"
- 1996 Annual International Conference, held in Dhaka, Bangladesh "Natural regeneration potential in garjan (*Dipterocarpus turbinatus* Gaertn. f.) of Dulahazara garjan forest

RESEARCH SUPERVISION

M. Sc.

- 2003 "Distribution of terrestrial orchids in the south east part of Bangladesh."
- 2005 "Distribution of orchids in the greater Sylhet region of Bangladesh"
- 2007 "Ethno botany and reproductive biology of some medicinal orchids of Bangladesh"
- 2008 "Diversity, ecology and ethnobotany of orchids Madhupur Sal forest and their conservation"
- 2009 "Ecology of epiphytic orchids and its porophytes"
- 2009 "Ecology and reproductive biology of some important epiphytic orchids of Bangladesh"

M. Phil.

- 2008- present Phytochemistry of medicinal orchids
- 2009-present Biodiversity of swamp forest of Sylhet Haor, Bangladesh"
- 2009-present "Reproductive biology and natural regeneration of ornamental orchids of Bangladesh"

RESEARCH INSTITUTES VISITED

- Central Herbarium and Howrah Botanic Gardens, Howrah, Kolkata, India
- Singapore Botanic Gardens and Herbarium, Singapore
- Royal Botanic Gardens and Herbarium, Kew, London, UK
- Royal Botanic Gardens and Herbarium, Edinburgh, Scotland, UK

RESEARCH PUBLICATIONS

Peer reviewed paper

1. Huda MK, ASMT Islam and MAM Chowdhury. 1997. Natural regeneration and stand composition of garjan (*Dipterocarpus turbinatus* Gaertn. f.) seedlings of Dulahazara garjan forest, Cox's Bazar, Bangladesh. *Indian Forester*. 123(5): 395-404.
2. Huda MK, MA Rahman and CC Wilcock. 1999. A preliminary checklist of orchid taxa occurring in Bangladesh. *Bangladesh J. Plant Taxonomy*. 6(1): 69-85.
3. Huda MK, ASMT Islam and MAM Chwdhury. 2000. Phytodiversity of garjan (*Dipterocarpus turbinatus* Gaertn. f.) undergrowth at Dulahazara garjan forest, Cox's Bazar, Bangladesh. *Indian Forester*. 126(6): 674-684.
4. Huda MK, MA Rahman and CC Wilcock. 2001. Notes on the orchidaceae of Bangladesh-1 : Some new records. *Bangladesh J. Plant Taxonomy*. 8(2): 9-17.
5. Chowdhury MAM, MK Huda. 2003. Quantitative dynamics and phytodiversity of undergrowth in forests of Bangladesh. *J. Natn. Sci. Foundation Sri Lanka*. 31(1&2): 215-229.
6. Hoque MM and MK Huda. 2003. A morphological study of capsule and seed characters of some Orchids from Bangladesh. *Bangladesh J. Plant Taxonomy*. 11 (1):49-59
7. Hoque MM, AMA Ahmed, MA Rahim, MK Huda and M Al-Forkan. 2005. In vitro antimicrobial activities in leaf extracts of *Cymbidium aloifolium* (L) Sw. *European Journal of Scientific Research*. 4 (3): 52-57.
8. Huda, MK, MA Rahman and CC Wilcock. 2006. The ethnobotanical information on indigenous orchids of Bangladesh. *The Hamdard Medicus*, Pakistan. XLIX, (3): 138-143.
9. Hoque MM, AMA Ahmed, MA Rahim, MK Huda and M Al-Forkan. 2006. Screening of antimicrobial activities of medicinally important orchid *Bulbophyllum lilacinum* Ridl. *The Hamdard Medicus*, Pakistan. XLIX, (3): 124-127.
10. Huda, MK and CC Wilcock. 2007. Impact of floral traits on the reproductive success of epiphytic and terrestrial tropical orchids. *Oecologia*. 154: 731-741.
11. MK Huda. 2007. An up to date enumeration of the family Orchidaceae from Bangladesh. *J. Orchid Soc. m India*. 21(1-2):35-49
12. Hoque MM and MK Huda. 2008. *Brachycorythis obcordata* (Lindl.) Summerh. (Orchidaceae) – A new angiospermic record for Bangladesh. *Bangladesh J. Botany*. 37 (2): 199-201.
13. MK Huda and C Wilcock. 2008. Diversity and evolutionary trends in pollinia of epiphytic and terrestrial orchids of Bangladesh. *J. Orchid Soc. India* 22 (1-2): 49-54.
14. MM Islam and MK Huda. 2008. Ecology and distribution pattern of epiphytic orchids in Sylhet region of Bangladesh. *J. Orchid Soc. India* 22 (1-2): 85-90.
15. MK Huda and Hoque MM. 2009. *Goodyera schlechtendaliana* Rchb. f. (Orchidaceae) –A new angiospermic record for Bangladesh. *Bangladesh J. Bot.* 38 (2): 193-195.

Other publications

16. Huda, MK, and MA Rahman. 1998. Some threatened and endangered orchids of Bangladesh and their conservation. *Biodiversity*. 2(1):3-4.
17. Huda, MK, and MA Rahman. 1998. Some rare ornamental epiphytic orchids of potential horticultural value. *Biodiversity*. 3(1):3-4.
18. Rahman, MA and MK Huda. 2001. Some rare ornamental epiphytic orchids of potential horticultural value. *Biodiversity*. 5(1&2): 3.

PERSONAL INFORMATION

Name : Dr. Mohammed Kamrul Huda
Fathers name : Mohammed Shamsul Huda
Mothers name : Syeda Rowshan Ara
Date of birth : 30th November 1970
Nationality : Bangladeshi
Religion : Islam
Marital status : Married
Language : Bengali-mother tongue
English- fluent in speaking, reading and writing

REFERENCES

Professor Dr Marcel Jaspars
Department of Chemistry
University of Aberdeen, UK

Dr. Adam Price
Reader, Department of Plant and Soil Science
University of Aberdeen, UK

Dr. Chris Wilcock
Senior Lecturer, Department of Plant and Soil Science
University of Aberdeen, UK

Signature
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