

BIODATA

NAME OF THE TEACHER: Dr. Moumita Basu

DEPARTMENT AND DESIGNATION: Assistant Professor, Department of Botany

TOTAL PERIOD OF SERVICE: 9 years 11 months (from 15.11.2007 till date)

PAPERS PUBLISHED (2012 till date):

1. **Basu, M.** and Pal, P. K. (2012). Anther dehiscence, pollen presentation, stigma receptivity and anthesis of *Abroma augusta*(L.) L. f., a medicinally important plant of Asiatic tropics, in G. Maiti and S. K. Mukherjee (eds). *Multidisciplinary approaches in Angiosperm Systematics*, pp. 805-811. University of Kalyani, West Bengal, India. [ISBN: 978-93-5067-867-1]
2. **Basu, M.** and Pal, P. K. (2013). Occasional occurrence of staminodial anthers in *Abroma augusta* (L.) L. f. and their significance in reproductive biology of the plant. *J. Economic and Taxonomic Botany*, **37(2)**: 419-423. [ISSN: 0250 – 9768]
3. Basu, A., Ghosh, A., Pal, S., **Basu, M.**, Karmakar, P., Mitra, B. and Pal, P. K. (2013). Pollination of the mahogany trees (*Swietenia mahagoni*) by an ovipositing thysanopteran insect (*Priesneriola*). *Bionotes*, **15(3)**: 88-89. [ISSN: 0972-1800]
4. **Basu, M.** and Pal, P. K. (2016) Post-pollination developments and seed ecology of *Abroma augusta* (L.) L. f. *Geophytology* **46(1)**: 89-97. . [ISSN: 0376-5561]

PARTICIPATION IN INTERNATIONAL/ NATIONAL SYMPOSIA/CONFERENCES (2012 till date)

1. Participated in the *National Conference on Utilization of Plant and Microbial Resources*, held in the Department of Botany, Visva-Bharati on 17-18 March, 2012 and presented the paper entitled 'Occasional occurrence of staminodial anthers in *Abroma augusta*(L.) L. f. and their significance in reproductive biology of the plant'.
2. Participated in the *National Seminar on Contemporary Progress in Plant Sciences* organized by CAS [UGC], Department of Botany, Burdwan University during 20-21 March, 2015 and presented the paper entitled 'Pollination syndrome of *Abroma augusta* (L.) L. f. with reference to its monophilic agromyzid pollination'.
3. **Participated in the National Seminar on Plant and Microbe: Diversity and Utilization organized by the Department of Botany, Visva-Bharati during 19-20 March, 2016 and presented the paper entitled 'Seed ecology of the medicinally important plant *Abroma augusta* (L.) L. f.'** [Certificate lost]
4. Participated in the 19th National Conference of Indian Aerobiological Society on Airborne Bioaerosols: Impact on Human Health and Agriculture organized by the Bose Institute, Kolkata during 09-11 December, 2016 and presented the paper entitled 'Significance of monophilic pollination of the medicinally important shrub *Abroma augusta* (L.) L. f.'

AREA OF RESEARCH: Worked on the reproductive ecology of a few medicinally important plants.

ATTENDANCE OF ORIENTATION PROGRAMME/REFRESHER COURSE:
Attended the 93rd Orientation Programme held at the Academic Staff College of Burdwan University from 04-31 January, 2014.