

Monica Chaudhuri (Nee Mukhopadhyay)

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Scientist – D

Head, Moriculture-I Division

Specialization: Genetics & Plant Breeding

Title of Ph.D. Thesis: Genetic study of some life cycle traits of certain phenotypes of muga silkworm (*Antheraea assama* Ww) reared on different host plants.

Area of Interest: Climate –resilient Sericulture and application of Geo-Spatial technology

Credential :

Participation in congress/conference/seminar/symposium : 17 in India and

Overseas:: One, In **7th International Conference on Wild Silkworm and Silk.(ICWSS 2012) held at Maharakham University, Thailand as an Invitee**

Guided PGDS Dissertations : 6

Publications: Total: 23 full papers. As 1st author: 19 numbers. Book Chapter -1

Research papers (best 10)

.1 Bhowmik, P.K. Pramanik, S. and **Mukhopadhyay M.** (1982). Studies on incompatibility in sunflower (*Helianthus annuus* L.) I – Effect of different types of selfing at varied temperature. Incompatibility Newsletter (Netherlands) 14: 59-75.

2. **Chaudhuri, M.** Singh 2. S.S. Das, B. Dhar N.J. Basumatary, B. Goswami, D. Das, K. Barah, A. Sahu, M. Kakoty, L.N. Chatterjee, S.N. (1999). Climatic variability in nine locations of north-east India and their effect on cocoon productivity of muga silkworm (*Antheraea assama* Ww). *Sericologia* 39(4): 577-591.

3. **Chaudhuri Monica (nee Mukhopadhyay)** (2003). Studies on the relationship between silk yield,

yield components and rearing environment of muga silkworm (*Antheraea assama* Ww), *Sericologia* 43(3): 349-354.

4. **Chaudhuri Monica (nee Mukhopadhyay)** (2003). Salient genetical features of a polymorphic variant vis-à-vis the prevalent muga silkworm (*Antheraea assama* ww). *Sericologia* 44(2): 157-169.

5. **Chaudhuri Monica (nee Mukhopadhyay)** (2008). Evaluation of impact of weather on cocoon shell weight of muga silkworm (*Antheraea assama* Ww). *Sericologia* 48(3):315-322.

6. **Chaudhuri Monica (nee Mukhopadhyay)**, P.K. Das, S.K. Sen and S.S. Singh (2008). Quantitative estimation of some genetic contrivances resulting in yield of muga (*Antheraea assama* Ww) cocoon shells derived from chief primary host plants. *Bull.Ind. Acad. Seric.* 12(2): 17-25.

7. **Monica Chaudhuri (nee Mukhopadhyay)** and Elfrida Khyriem (2012). Assessment of heat use efficiency of mulberry (*Morus* sp.) for foliage yield. *Indian Biologist.* 44(2): 51-54. ISSN 0302-7554.

8. **Monica Chaudhuri (nee Mukhopadhyay)** and S. Nirmal Kumar (2013). Geospatial Thinking Initiative In Sericulture: assessment of real time photothermal impact on growth and yield of mulberry. *Indian Cartographer.* Vol. XXXIII: 72-79.

9. **Monica Chaudhuri (nee Mukhopadhyay)**, Supen Subba, G.K. Chattopadhyay and S. Nirmal Kumar (2014). Preliminary estimation of thermal time requirement for growth of silkworm breeds. *Indian Biologist.* 46 (1) :19-22. ISSN 0302-7554..

10. **Monica Chaudhuri (nee Mukhopadhyay)** and S. Nirmal Kumar (2014). Evaluation of impact of weather on mulberry leaf yield. *Indian Biologist.* 46 (1): 23-29. ISSN 0302-7554.

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