

## FACULTY PROFILE

1.Name in full:	Dr Sunayan Bordoloi
2.Designation:	Associate Professor
3.Date of Joining:	28.03.1998
4.Academic Qualification:	M.Sc. (Zoology) and PhD
5.Specialization:	Entomology
6.Address:	Dispur Super Market, Guwahati-781006
7.Phone:	Office::0361-2525538 Res(M): 9864042395
8.E-Mail:	sunayanbordoloi@yahoo.com
9.Date of Birth:	1.09. 1962
10.Sex:	Male
11.Nationality:	Indian

### 12.Publications:

(a)Books: Contribution in Asomiya Bigyan Abhidhan,  
Published by Assam Science Society

(b)Research Papers published in national and international Journals, proceedings of seminars

- 1 S.Bardoloi and Hazarika L.K(1992)- Seasonal variation of body weight, Lipid Reserves, blood volumes and Hemocyte Population of *Antheraea assama*. Environmental Entomology (USA) 21 (6) : 1398 – 1403
- 2 S.Bardoloi and Hazarika, L.K. (1994) – Body Temperature and thermoregulation of *Antheraea assama* larvae. *Entomol. Exp. Appl. (Belgium)* 72 : 207 – 217.
- 3 L.K.Hazarika,Bardoloi. S and Katakya A. (1994) – Effects of Host Plants on Haemocyte Ppopulations and Blood Volumes of *Antheraea assama*. *Sericologia (France)* 34 (2) 301 –306.

- 4 S.Bardoloi & Hazarika L.K. (1995) Variation in Haemocyte population During Different Larval Instars of *Antheraea assama* and their Roles in the Defence Mechanism of the Insects. J.Assam Sci. Soc. 37(2) , 96 –102.
- 5 S.Bardoloi & Hazarika L.K. (1998) – Response of Muga Silkworm *Antheraea assama* to Host Quality. *Entomon.* 23 (2) 111 –115
- 6 L.K.Hazarika & Bardoloi.S (1998) – Antennal and Mouthpart Sensilla of the Muga silkworm *Antheraea assama*. *Sericologia (France)* 38 (1) 55-63.
- 7 L.K.Hazarika,Saikia C N, Katakya A, Bardoloi,S & Hazarika J (1998) Evaluation of Physico chemical characteristics of Silk Fibres of *Antheraea assama* Reared on Different Host Plants. *Bioresource Technology (UK)* 64 : 67-70.

#### PAPER PRESENTED

1. Bio-diversity of Muga Silkworm *Antheraea assama* Ww in the foothills of the Himalayas. (2010), Land use, Biodiversity and climate change. International Geographical Union(IGU) Commission Seminar, Department of Geography, Cotton College (2010)
2. A preliminary study of man-elephant conflicts in Assam with special reference to Karbi Anglong, Assam. (Co-author), Land use, Biodiversity and climate change. International Geographical Union(IGU) Commission Seminar, Department of Geography, Cotton College (2010)
3. Investigation into the expression on Hemolin in response to microbial challenges in Muga silkworm *Antheraea assama* (First author), International Seminar on Bioresources and Human Sustenance, Department of Zoology, Cotton College in collaboration with Zoological Society of Assam,2011
4. Toxic effect of liver extract of Globefish *Tetradon cutcutia* on development and longevity of Housefly, International Seminar on Bioresources and Human Sustenance, Department of Zoology, Cotton College in collaboration with Zoological Society of Assam,2011
5. Comparison of certain post-embryonic growth and developmental parameters of Muga silkworm *Antheraea assama* during different seasons. (First author), National Seminar on Bioresources, Habitat threats, Conservation strategies and Sustainable development, Hojai College in collaboration with Botanical Society of Assam.(2010)
6. Studies on the cellular immunity of Muga Silkworm *Antheraea assama* (First author), National Seminar on Bioresources, Habitat threats, Conservation strategies and



Sustainable development, Hojai College in collaboration with Botanical Society of Assam.(2010)

7. Physical strength properties of *Antheraea assama* silk, ), National Seminar on Bioresources, Habitat threats, Conservation strategies and Sustainable development, Hojai College in collaboration with Botanical Society of Assam.(2010)

(c)Articles Published in News Paper/Magazine: Nil

13.Details of the Projects(in prescribed format)

(a)Completed:

Sl. No	Title of the Project	Duration	Sponsored by	Year of completion	Budget Sanctioned
1	Investigation of immunomodulatory potential of habit alteration in the Muga silkworm ' <i>A. assama</i> '.		UGC	2009	70,000.00

(b)On going

Sl. No	Title of the Project	Duration	Sponsored by	Year of completion	Budget Sanctioned
1	Studies on immunomodulatory efficiency of Muga Silkworm <i>Antheraea assama</i> in different North Eastern States	Three years (2011-2014)	NEC	Ongoing	18,50,000.00

14.Paper presentation in national &International Seminars:(Please indicate title of the paper, name of the seminar, date or duration, organizer etc)

Title of the paper	Name of the seminar	Duration	Organizer
1. Bio-diversity of Muga Silkworm <i>Antheraea assama</i> Ww in the foothills of the Himalayas. (2010), Land use,	International Geographical Union(IGU) Commission	Dec, 2010	Department of Geography, Cotton College

Biodiversity and climate change.	Seminar,		
2. A preliminary study of man-elephant conflicts in Assam with special reference to Karbi Anglong, Assam. (Co-author), Land use, Biodiversity and climate change.	International Geographical Union(IGU) Commission Seminar	Dec, 2010	Department of Geography, Cotton College
3. Investigation into the expression on Hemolin in response to microbial challenges in Muga silkworm <i>Antheraea assama</i> (First author),	International Seminar on Bioresources and Human Sustenance		Department of Zoology, Cotton College in collaboration with Zoological Society of Assam,2011
4. Toxic effect of liver extract of Globefish <i>Tetradon cutcutia</i> on development and longevity of Housefly.	International Seminar on Bioresources and Human Sustenance.		Department of Zoology, Cotton College in collaboration with Zoological Society of Assam,2011.
5 Comparison of certain post-embryonic growth and developmental parameters of Muga silkworm <i>Antheraea assama</i> during different seasons.	National Seminar on Bioresources, Habitat threats, Conservation strategies and Sustainable development,		Hojai College in collaboration with Botanical Society of Assam.(2010)
6. Studies on the cellular immunity of Muga Silkworm <i>Antheraea assama</i> .	National Seminar on Bioresources, Habitat threats, Conservation strategies and Sustainable		Hojai College in collaboration with Botanical Society of



	development,		Assam.(2010)
7. Physical strength properties of Muga Silkworm <i>Antheraea assama</i> .	National Seminar on Bioresources, Habitat threats, Conservation strategies and Sustainable development.		Hojai College in collaboration with Botanical Society of Assam.(2010)
8. Investigation into the presence of gender specific differences in terms of immunocompetence in Muga Silkworm, <i>A.assama</i> , <i>Ww</i> .	UGC sponsored national seminar on 'Bio-resources of North East India and their Conservation'		Department of Zoology, D.K. College, Mirza

15.Seminar/Conference/Symposium attended excluding paper presentation:(Please indicate Name of the seminar, date or duration or organizer etc)

Name	Duration	Organizer
Disaster risk reduction in school & colleges	8/5/2012	Assam State Disaster Management Authority, Dispur, Guwahati

16.Details of course attended(Orientation/Refresher/any other course attended(Please indicate period, name of the University/Institute where attended

Course	Duration	Name of the University
Refresher Course in Zoology		Bardwan University
Orientation course		GU
Refresher Course in Zoology		GU
Refresher Course in Zoology		NEHU

17.Details of membership of organization

(State/National level)

\*Member of Assam College Teachers Association

\*Life Member of Zoological Society of Assam

18. Whether served as resource person? Yes.

If yes please indicate details of the same .

In refresher course organized by B.Borooah College

For Higher Secondary subject teachers of Biology in the year 2002.

Signature of the faculty