

ANNUAL REPORT
2016-17

Assam State Biodiversity Board





Annual Report
2016-17
Assam State Biodiversity Board

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OVERVIEW OF THE BOARD

Introduction:

Biodiversity refers to the variety of life forms at all levels of organization, from gene through species to higher taxonomic forms and includes the variety of ecosystems and habitats besides the processes occurring therein. Biodiversity is fundamental to the fulfillment of human needs - a biodiversity rich region offers wide options and opportunities for sustaining human welfare including adaptation to changes.

India is one of the 17 Mega biodiverse countries in the world (as per Conservation International 1998) and accounts for 7-8 % of the recorded species. North-eastern India in general and Assam in particular is a constituent unit of the Eastern Himalayan Biodiversity Region; one of the two biodiversity “Hot Spots” in the country. The State also falls in the transitional zone between the Indian, Indo- Malayan and Indo-Chinese Biogeographical regions. The climatic condition and wide variety of physical features witnessed in Assam have resulted in a diversity of ecological habitats such as forests, grasslands, wetlands, which harbour and sustain wide ranging flora and fauna. About 37.27% of State's geographical area is under green cover (as per India State of Forest Report 2015). The Protected Area Network of the State comprises of 5 National Parks and 20 Wildlife Sanctuaries. Besides, Assam has the distinction of having 2 UNESCO World Heritage sites (Manas and Kaziranga), 2 Biosphere Reserves (Dibru- Saikhowa and Manas), 4 Tiger Reserves (KNP, Manas, Nameri and Orang) and 5 Elephant Reserves.

Habitat degradation, loss of wild stock in association with loss of local traditional knowledge has caused rapid degradation of biological resources all over the globe. Growing concerns for depletion of biological diversity world-wide led to signing of the Convention on Biological Diversity (CBD) in 1992. This Convention recognizes the sovereign rights of the states and local people over their biological resources. With this objective the Government of India enacted the Biological Diversity Act, in 2002. This Act provides for conservation of biological diversity, sustainable use of its components and fair and equitable sharing of the benefits arising out of commercial use of these resources and associated traditional knowledge. At the country level, National Biodiversity Authority (NBA) oversees implementation of the Act. The State Biodiversity Boards (SBBs) have been formed at State level and Biodiversity Management Committees (BMC) are constituted by the local bodies for decentralizing the implementation of the Act.



Assam State Biodiversity Board:

The Assam State Biodiversity Board was constituted on 29th September 2010 to promote biodiversity conservation, regulate sustainable utilization and to facilitate equitable sharing of benefits arising out of commercial utilization of these resources and associated traditional knowledge.

Composition of the Board:

Chairperson: The Chairperson of the Board is appointed by Government of Assam either on deputation from other services or from outside services. In case of deputation, the person shall be not below the rank of Additional Chief Secretary to the Government of Assam.

During the year 2016-17, Sri V. K. Pipersenia, IAS, Chief Secretary to Govt. of Assam and Sri D. Mathur, IFS, PCCF-Assam held the Chairmanship of the Board.

Member Secretary: This position is held by a Forest Officer in charge of Biodiversity not below the rank of Chief Conservator of Forest.

Ex-Officio Members:

1. Principal Secretary/ Commissioner and Secretary to the Government of Assam, Environment and Forest Department.
2. Principal Secretary to the Government of Assam, Panchayat and Rural Development Department
3. Commissioner & Secretary to the Government of Assam, Agriculture Department.
4. Chief Conservator of Forests, Biodiversity & Climate Change.
5. The Director, Agriculture Department, Government of Assam.
6. The Director, Fisheries Department, Government of Assam.

Expert Members:

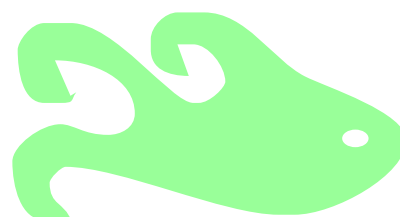
1. Prof. Anil Goswami, Trustee, The Rhino Foundation of North East, Silpukhuri / (Retd.) Principal, Cotton College, Guwahati.
2. Dr. P. C. Bhattacharjee, (Retd) Professor, Department of Zoology, Gauhati University.
3. Shri R. C. Goswami, (Retd.) Chief Conservator of Forest, Assam
4. Prof. Sarat Borkotoky, Principal, Nowgong College, Nagaon.
5. Dr. Aparajita De, Assistant Professor, Department of Zoology, Assam University, Silchar.

Special Invitees:

1. The Principal Secretary to the Government of Assam, Finance Department.
2. The Commissioner and Secretary to the Government of Assam, Animal Husbandry and Veterinary Department.

Permanent Invitees:

1. Principal Chief Conservator of Forests & Head of Forests Force-Assam;
2. Principal Chief Conservator of Forests (Wildlife) Assam;
3. Principal Chief Conservator of Forests (Wetlands) and
4. Additional Principal Chief Conservator of Forests (Research Education & Working Plans), Assam.





Functions of the Assam State Biodiversity Board:

The Board have mainly the following three functions:

1. **Regulatory:** Regulate access to biological resources for research and commercial purposes.
2. **Facilitory:** Facilitate conservation and sustainable uses of biological resources.
3. **Advisory:** Advise the government in formulating policies concerning conservation of biological diversity, wise-use and benefit sharing options arising out of commercial utilization and provide support through interventions whenever required.

Mandate of the Board:

1. Generate Awareness among local people about the Biological Diversity Act-2002 and Assam Biodiversity Rules-2010.
2. Establish Biodiversity Management Committees (BMCs) at District level, Block level, Village level and also in the Autonomous Councils of the State.
3. Assist the BMCs in preparation of People's Biodiversity Registers (PBR) through documentation of local biological resources and associated traditional knowledge.
4. Regulate access to biological resources for research and commercial purposes to facilitate 'Access and Benefit Sharing' mechanisms.
5. Declaration of biodiversity rich areas of the state as 'Biodiversity Heritage Sites' and to frame rules for management and monitoring of such sites for conservation.
6. Notification of 'Threatened species' of the state.

7. Create Biodiversity fund for the Board and for the BMCs.
8. Other such actions required for implementation of the BD Act-2002 in the state.

Board Office:

The office of the Assam State Biodiversity Board has been permanently shifted to Aranya Bhawan, 2st Floor, Panjabari, Guwahati-781037.

Staff of the Board:

I. Regular staff:

- i. Scientific Officer - 1
- ii. Scientific Assistant - 1
- iii. Junior Accountant - 1

II. Contractual staff:

- i. Technical Associate - 1
- ii. Technical Assistant - 3
- iii. Accounts Assistant - 1
- iv. Office Attendant - 1

III. Part-time office bearers from the O/o PCCF Assam:

- i. Range Officer (HQ) - 1
- ii. Accounts Officer - 1
- iii. Junior Assistant - 1

BOARD MEETINGS:

The Board meets quarterly to take its mandate forward. Following meetings of the Board took place during 2016-17:

18th Board meeting

The 18th meeting of the Board was held on 25th July 2016 at the Conference Hall of Chief Secretary, C-Block, Assam Secretariat, Dispur under the Chairmanship of Shri V. K. Pipersenia, IAS, Chief Secretary to the Government of Assam and Chairman- Assam State Biodiversity Board.

The following are the main issues discussed during the meeting:

- i. Progress on the preparation of People's Biodiversity Registers.
- ii. Status on the constitution of Biodiversity Management Committees.
- iii. Pending proposals of the Board with the Government.
- iv. Engagement of more 'Biodiversity Research Associate Programme' (BRAP) Fellows.
- v. Initiation of preparation of Assam Biodiversity Strategy & Action Plan.
- vi. Status of the research projects undertaken.
- vii. Publications and publicity materials developed by the Board.
- viii. Protocol for notification of 'Threatened Species' of the state.
- ix. Constitution of Technical Support Group for the remaining districts.
- x. Constitution of a Committee for declaration of 'Majuli' as first Biodiversity Heritage Site of the State.
- xi. Celebration of International Day for Biological Diversity on 22nd May, 2016 at Nameri National Park.
- xii. Joining of two contractual staff and one regular staff.
- xiii. Ratification of research permissions granted no-objection by the Board.
- xiv. Ratification of expenditure incurred.
- xv. Possibilities of developing a "Centre for training on Wildlife Management" in collaboration with Gauhati University.
- xvi. Celebration of 70th Independence Day on 15th August 2016 at all BMCs.



Shri V. K. Pipersenia, IAS, Chief Secretary - Assam & Chairman - ASBB presiding over the meeting



Chairman and Members of the Board discussing the key issues at the meeting

19th Board meeting

The 19th meeting of the Board was held on 29th November 2016 at the Conference Hall of Chief Secretary, C-Block, Assam Secretariat, Dispur under the Chairmanship of Shri V. K. Pipersenia, IAS, Chief Secretary to the Government of Assam and Chairman- Assam State Biodiversity Board.

The following are the main issues discussed during the meeting:

- i. Launched of student oriented 'Internship Programme on Biodiversity Conservation' and notification of a 'Panel of Experts' for assisting the programme.
- ii. Status on the process for notification of Threatened Species of the State.
- iii. Status on the progress for declaration of Majuli as first Biodiversity Heritage Site.
- iv. Status on the constitution of BMCs at Autonomous Hill Councils.
- v. Status on People's Biodiversity Registers preparation.
- vi. Progress on the status of constitution of Technical Support Group at remaining districts of the State.
- vii. Progress on the ongoing research project works of the Board.
- viii. Publication of 2nd ISBN assigned book "Edible bio-resources & Livelihoods' of the Board.
- ix. Status of accounts of the Board audited by Controller & Accountant General (CAG), Assam.
- x. Possibilities of inclusion of Biological Diversity Act- 2002 in the syllabus of M. Sc. Courses.
- xi. Research proposals received by the Board for financial assistance.
- xii. Ratification of Research Permissions, PIC and IPR applications
- xiii. Ratification of Expenditure Statement of the Board
- xiv. Constitution of a 'Research Advisory Committee' with subject matter specialists and an 'Expert Group' for handling IPR related matters.
- xv. Possibilities of tie-ups with top international institutions in the field of biodiversity conservation.
- xvi. Possibilities of establishing nurseries of "traditional bio-resources' in collaboration with Forest Department.
- xvii. Submission of proposal to Government for creation of 'Corpus Fund' for the Board.



Chairman and members interacting during the meeting



Member Secretary presenting key issues of the Meeting

20th Board meeting

The 20th meeting of the Board was held on 7th April 2017 at the Conference Hall of Aranya Bhawan, Panjabari under the Chairmanship of Shri D. Mathur, IFS, PCCF-Assam and newly appointed Chairman of Assam State Biodiversity Board.

The following are the main issues discussed during the meeting:

- i. Selection of 20 Student Interns under the on-going Internship programme on Biodiversity Conservation.
- ii. Constitution of a Panel of Experts for review of Assam Biodiversity Strategy and Action Plan document.
- iii. Constitution of an 'Advisory Committee' for evaluation of applications by the Board for access to biological resources.
- iv. Regarding re-constitution of the Board.
- v. Approval of seven (7) PBRs by Technical Support Group (TSG) of Sonitpur District.
- vi. Status on the progress of BMC constitution at BTAD and KAAC.
- vii. Status on the progress of draft PBRs ready for TSG vetting.
- viii. Status on the research projects undertaken.
- ix. Declaration of 'Majuli' as first Biodiversity Heritage Site of Assam by Hon'ble Chief Minister on 21st March 2017.
- x. Launching of an English newsletter "*Amulya Jaibabaichitra*" by the Board.
- xi. Status on the progress of the 'Assam Biodiversity Portal' database and appointment of CCF (IT) as Nodal Officer to look into the matter.
- xii. Capacity building workshops of BMCs of Sonitpur district on accounting matters.
- xiii. Ratification of research permissions granted approval by the Board.
- xiv. Ratification of Expenditure Statement of the Board.
- xv. New Research proposals received by the Board for financial assistance.
- xvi. Presentation on 'Community level conservation for reintroduction of *Paphiopedilum* in Assam: an endangered genus of lady slipper orchids by one of the Expert Members.



Shri D. Mathur, IFS, PCCF-Assam & newly appointed Chairman - ASBB presiding over the meeting



Member Secretary presenting key issues during the meeting

MAJOR ACTIVITIES OF THE BOARD DURING THE YEAR 2016-17

I. Biodiversity Management Committees (BMC):

The Board constituted 26 new Biodiversity Management Committees (BMCs) at Bodoland Territorial Council and Karbi Anglong Autonomous Council during 2016-17 against the proposed 41 BMCs at the three Autonomous Councils of the State. The lists of the newly constituted BMCs of BTAD & KAAC are given at **Annexure-I & II**.

II. People's Biodiversity Registers (PBR):

The work for preparation of PBR have been undergoing at 133 Anchalik BMCs of the State. The following is the present status:

- | | |
|---|-----------|
| 1. TSG vetted complete PBR: | 12 |
| 2. Final Draft PBR ready for TSG vetting: | 33 |
| 3. On-going PBR works: | 88 |

a. Financial Assistance for preparation of PBR:

An amount of Rs 50,000/ BMC had been sanctioned to nine (9) BMCs for starting the work of preparation of PBR during 2016-17. The following are the District-wise number of BMCs where the financial assistance had been sanctioned:

Sl. No.	Name of District	Number of BMCs
1.	Nagaon	7
2.	Jorhat	2
Total		9

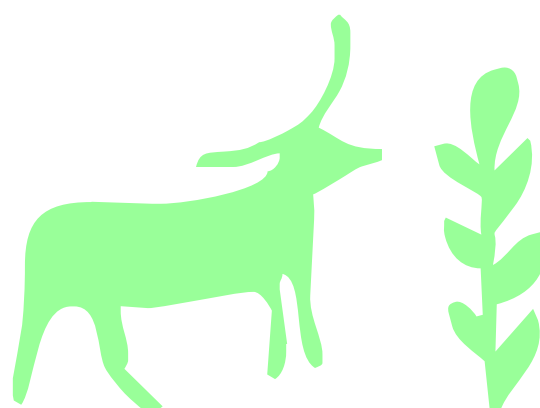
b. PBR Digital Database:

The database is undergoing modifications for adding new features after the completion of field trial.

c. Technical Support Group:

The Technical Support Groups (TSG) are District level committee comprising of officials from line departments such as Agriculture, Horticulture, Veterinary, Fishery etc/ institutions/people of excellence and expertise in the biodiversity issues at local level, who shall guide the BMCs in its operation. The PBRs so formed by the BMCs have to be validated by the TSG.

In Assam, so far 19 District TSGs are formed and processes are going on for constitution at the remaining districts.



III. Awareness workshops/exhibitions:

a. Training & Capacity building workshops of Biodiversity Management Committees :

The Board in collaboration with Assam Forest Department organised training and capacity building workshops at 152 Biodiversity Management Committees (BMCs) of the state during 13th – 15th August 2016. The programs are arranged on the occasion of celebration of 70th Independence Day 2016.

To commemorate the celebration the Board organizes the following events:

- i. Plantation of 70 multi-utility fruiting trees at each Biodiversity Management Committee jurisdiction.
- ii. Screening of Assamese documentary on implementation of Biological Diversity Act 2002 and Rules 2010 and roles of BMCs.
- iii. Capacity building programmes of BMC Members along with hands-on training of BMC Member Secretaries on writing of Annual Report and Utilization Certificates etc.
- iv. Hoisting of Indian National Flag at each BMC/Panchayat office on 15th August 2016.

The workshops were partly sponsored by National Biodiversity Authority (NBA) and State Government. More than 100 participants from each BMCs, representatives from Panchayats, members of local NGOs and experts attended these workshops.

b. Technical Support Group (TSG) meeting for vetting of People's Biodiversity Registers (PBRs):

A meeting of the TSG was held on 15/02/2017 at the conference hall of Deputy Commissioner, Sonitpur District for approval of seven (7) draft People's Biodiversity Registers (PBR) of Sonitpur District.

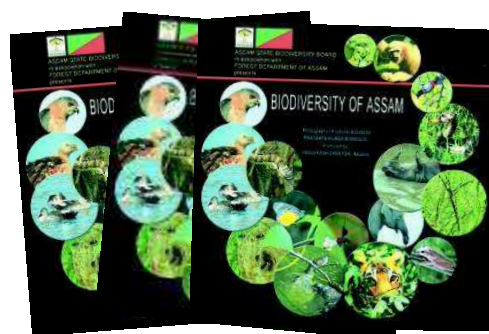
The PBRs of the following BMCs are approved in the meeting:

Sl. No.	Name of the BMC	Forest Division
1.	Bihaguri Anchalik BMC	Sonitpur West Division
2.	Balipara Anchalik BMC	Sonitpur West Division
3.	Sootea Anchalik BMC	Sonitpur East Division
4.	Baghmora Anchalik BMC	Sonitpur East Division
5.	Behali Anchalik BMC	Sonitpur East Division
6.	7 No. Naduar Anchalik BMC	Sonitpur East Division
7.	Biswanath Anchalik BMC	Sonitpur East Division

c. Other Sensitization Workshops/Exhibitions participated:

- i. The Technical staff of the Board went to Sikkim Biodiversity Board for an exposure visit during 12th -17th April 2016 to interact and learn about the good practices of other State Biodiversity Boards.
- ii. The Board participated in the 'Capacity building workshop on Transboundary movement of Living Modified Organisms' at Chennai on 9th May 2016 organized by National Biodiversity Authority.
- iii. The Board participated at the 'Access and Benefit Sharing workshop' at NEDFi House, Guwahati on 22nd June 2016 organized by BCIL in collaboration with National Biodiversity Authority.
- iv. The Board participated at the regional meeting of State Biodiversity Boards at Kolkata on 22nd August 2016, organized by National Biodiversity Authority.
- v. The Member Secretary and Scientific Officer of the Board participated at the Exposure visit to ONF International, Paris on 18th September to 1st October 2016 organized and sponsored by APFBC Society, Assam Forest Department.
- vi. The Board participated in the National Children Science Congress exhibition held at Dibrugarh on 14th to 15th October 2016 by putting up a stall.
- vii. The Board Participated at workshop on 'Biodiversity Governance for SBBs: Challenges and Prospects' held at National Law University, Bangalore during 25th -26th October 2016.
- viii. Two technical staff of the Board participated at the 'Training on collection, preservation and identification of Insects & Mites' organized by Zoological Survey of India, Kolkata on 30th -31st January 2017.

IV. Awareness English documentary on 'Biodiversity of Assam':



A short 15 minutes awareness documentary about biodiversity richness of the state was launched and presented to Prince William & Princess Kate Middleton during their visit to Assam in April 2016. The same has been circulated among senior government officials of line departments and media persons.

V. Notification of 'Threatened Species' of Assam:

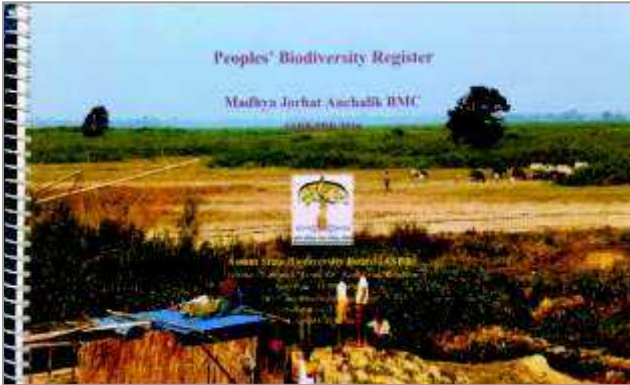
Under section-38 of Biological Diversity Act 2002 and the Rules 24 (1) of the Assam Biodiversity Rules 2010, and in consultation with Stake holders, the State Government of Assam intends to notify certain species of plants and animals as "Threatened Species".

The first candidate list of such plants and animals to be notified as Threatened Species are available at www.asbb.gov.in (in Whats New Section).

VI. Declaration of Biodiversity Heritage Sites (BHS) of Assam:

The Board initiated work for declaring biodiversity rich areas of the state as Biodiversity Heritage Sites as per Section- 37 of Biological Diversity Act, 2002. For the year 2016-17, processes going on for declaration of Majuli as first BHS of Assam and evaluation of other such proposals are going on.

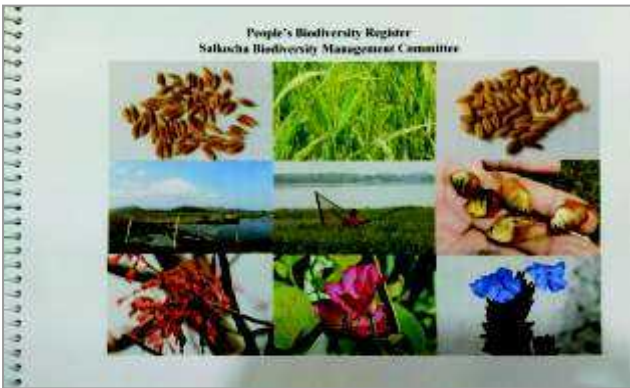
Photographs of few draft People's Biodiversity Registers



PBR of Madhya Jorhat BMC



PBR of Mahur Block BMC



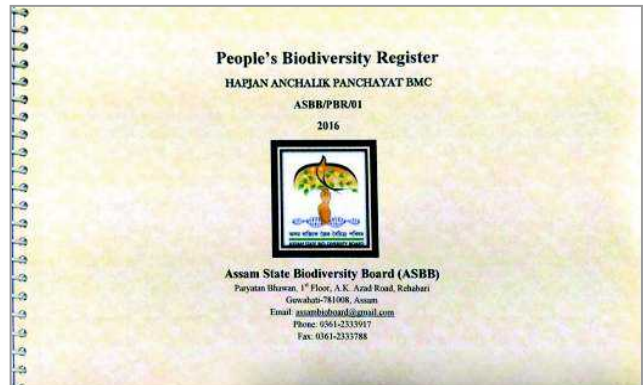
PBR of Salkocha BMC



PBR of Panitola BMC



PBR of Gauripur BMC



PBR of Hapjan BMC

Photographs of capacity building & awareness workshops of BMCs organized on the occasion of celebration of 70th Independence Day 2016



Workshop at Lumding BMC



Workshop at Lakhipur Anchalik BMC



Workshop at Tihu BMC



Workshop at Krishnai BMC



Workshop at Udali BMC



Plantation drive at Dhalpukhuri BMC

Photographs of Technical Support Group Meeting, Sonitpur



Member Secretary-ASBB
presenting the agenda
of the meeting



Dr. Mazedul Islam,
Technical Associate- ASBB presenting
the draft PBRs before the TSG & BMC
members

Photographs of sensitization workshops & exhibitions participated by the Board



ASBB Staff visit to Sikkim BB



Workshop on Transboundary movement of LMOs



Access & Benefit Sharing Workshop at NEDFI House, Guwahati



Regional meeting of NE SBBs at Kolkata



ASBB stall at NCSC 2016 at Dibrugarh



Exposure visit to France

VII. Celebration of International Biological Diversity Day, 2016:



The Assam State Biodiversity Board celebrated the “International day for Biological Diversity” on 22nd May, 2016 on the theme of “Mainstreaming Biodiversity; Sustaining People and their Livelihoods” at Wildlife Range Office, Nameri National Park and Tiger Reserve, Potasali, Tezpur, Assam. This function was jointly organized by Assam State Biodiversity Board (ASBB) and the Assam Forest Department. The event was sponsored by National Biodiversity Authority (NBA), Chennai. Shri Sri R. C. Goswami, IFS (Rtd.), Expert Member-ASBB was the Chief Guest of the function.

The other dignitaries on the dais included Sri Bikash Brahma, IFS, PCCF (SF), Sri J.M. Kouli, IFS, Addl. PCCF-UAZ, Sri A.K Johari, IFS, Addl. PCCF (Biodiversity & Climate Change) & Member Secretary- Assam State Biodiversity Board, Sri Akashdeep Baruah, IFS, CCF (Legal), Sri P. Sivakumar, IFS, CF-NAC, Sri Rajendra G. Garawad, IFS (AIG, MoEF) Smt. Laya Madduri, IAS, DC Sonitpur District, Sri Pallav Gopal Jha, IAS, DC Biswanath District.

Mrs. Dimpri Bora, IFS, (DCF, NAC) welcomed the guests. Sri R C Goswami, IFS (Retd.), Expert Member-ASBB made an introductory address explaining the significance of the theme of the function.

As part of the celebrations, drawing and painting, slogan and essay writings among the school children and weaving/ handicrafts among the local Self Help Groups (SHG) were organized for generating awareness amongst the school children

and local people. About 1000 school children from 15 different government schools participated in the competitions.

The function was also attended by CFs, all local DFOs, ACFs and Range Forest Officers of the Forests Department.

Representatives of Government Departments such as Agriculture, Fishery, Horticulture, Veterinary & Educational Institutions, several NGOs, Presidents & Members of Anchalik Panchayats, JFMC members, *Gaonburah* and Members of Biodiversity Management Committees of Sonitpur and Biswanath Districts and over 1500 school children and local people attended the function.

Main events of the function included:

1. Plantation:

The event was inaugurated with plantation by invited guests, forest officials and local villagers.

2. Address by Dignitaries:

Shri Sri R. C. Goswami, IFS (Rtd.), Expert Member-ASBB,
Sri B.K. Brahma, IFS, PCCF (SF), Sri A.K Johari, IFS, Addl. PCCF
(Biodiversity & Climate Change) & Member Secretary- Assam
State Biodiversity Board, Sri J.M. Kouli, IFS, Addl. PCCF-UAZ and
Gaonbura of Potasali Village.

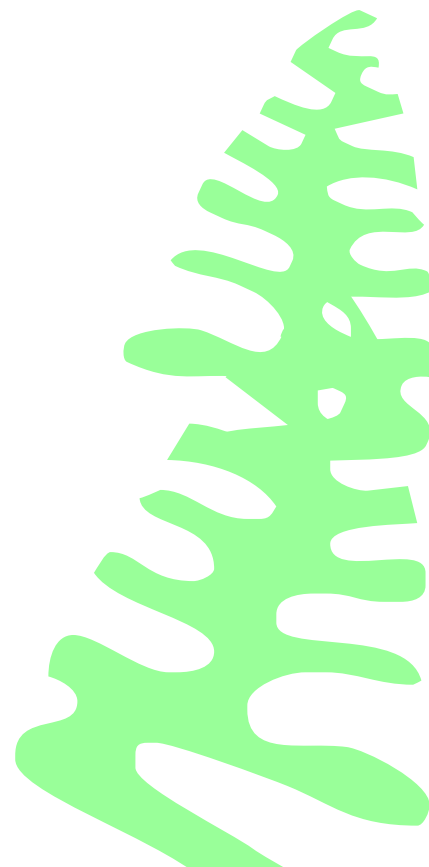
3. Distribution of prizes:

- a. Painting & Drawing Competition (Total Participants : 605)
 - i. Group I: Class I - III (1st, 2nd, 3rd & Consolation prizes)
 - ii. Group II: Class IV - VI (1st, 2nd, 3rd & Consolation prizes)
 - iii. Group III: Class VIII - X (1st, 2nd, 3rd & Consolation prizes)
- b. Slogan Competition: (Total Participants : 302)
 - i. Group I: Class I - III (1st, 2nd, 3rd & Consolation prizes)
 - ii. Group II: Class IV - VI (1st, 2nd, 3rd & Consolation prizes)
 - iii. Group III: Class VIII - X (1st, 2nd, 3rd & Consolation prizes)
- c. Essay Competition: (Total Participants : 713)
 - i. Group I: Class I - III (1st, 2nd, 3rd & Consolation prizes)
 - ii. Group II: Class IV - VI (1st, 2nd, 3rd & Consolation prizes)
 - iii. Group III: Class VIII - X (1st, 2nd, 3rd & Consolation prizes)
- d. Weaving Completion: (Total Participants : 50, 1st, 2nd, 3rd & Consolation prizes)
- e. Tailoring Competition: (Total Participants : 49, 1st, 2nd, 3rd & Consolation prizes)
- f. Handicraft Competition: (Total Participants : 65, 1st, 2nd, 3rd & Consolation prizes)

Each winner of the competitions was given a Certificate, Memento, a souvenir and a folder containing various publications of the Board. All the participants were given a Certificate of participation.

4. Distribution of plants to villagers:

Economically important plants were distributed among the villagers after the conclusion of event.



Photographs of the Competitive Events



Speech by Chief Guest
Dr. R. C. Goswami,
Expert Member - ASBB
at the Function

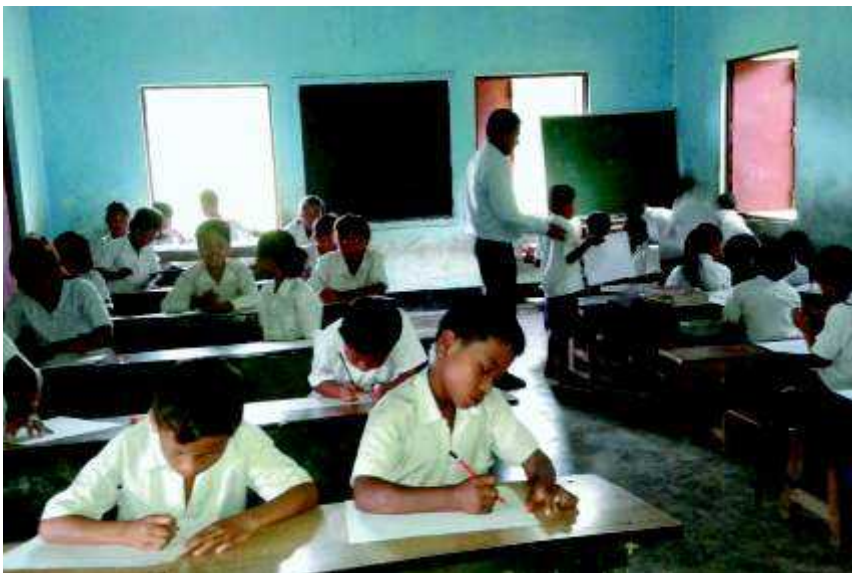


Participants of the event

Photographs of the Competitive Events



Painting Competition



Essay Competition

Photographs of the Plantation drive



Plantation by Deputy Commissioner & other delegates at the event



Prize distribution for award winning students at the function



Plant seedling distribution among the villagers



Invitation Card of the Event

VIII. Student Oriented Programmes/Initiatives

i. Biodiversity Research Associate Programme (BRAP)

The Assam State Biodiversity Board provides fellowships under the Biodiversity Research Associate Programme to Graduates, Post-graduates and early career professionals to assist the Board in fulfilling its mandates.

Objective of the Programme: To inculcate scientific temper amongst young talent in the state of Assam and promote them to work for conservation of biodiversity. This program would enhance the understanding of the Associate about the present day challenges in promoting conservation and sustainable use of biodiversity and provide them opportunity to contribute in meeting those challenges.

Time duration: Program is for short durations, maximum up to 6 months. This is with a view to allow the interested persons an opportunity to utilize their free time, for example, summer vacations / winter vacations / time between two semesters / time while preparing for competitive exams etc. and work productively in the field of biodiversity.

Eligibility: Graduates & Post Graduates in Life Sciences including Geography & Environmental Sciences

Associate Fellowship:

- i. 3 months Program (Rs 5000 - 8000/- pm + total contingency of Rs 10,000/- towards field visits, documentation etc.)
- ii. 6 months Program (Rs 5000 - 8000/- pm + total contingency of Rs 20,000/- towards field visits, documentation etc.)

Area of Work: The Associate can work in any part of Assam but will have to work in close association of the Board and this may require visits to the Board Office or interaction with Board Member or Expert at Guwahati or any other designated place as per the requirement of the work.

Broad theme for works assigned to the Fellows:

1. Awareness generation among local people
2. Capacity building of the Biodiversity Management Committees (BMC)
3. Assisting BMCs in preparation of their People's Biodiversity Registers(PBR)
4. Species based studies/documentation of biodiversity
5. Identifying biodiversity concerns and prescribing management methods

Under the Biodiversity Research Associate Program (BRAP), so far 52 Fellows have been engaged of which 10 were presently working with the Board.

Photographs of BRAP Fellows interacting with villagers



PRA exercise by BRAP Fellows at Jorhat



PRA exercise by BRAP Fellow at Nalbari



BRAP Fellow at Hajo BMC

ii. Internship Programme on Biodiversity Conservation

A three (3) months student oriented programme launched by Assam State Biodiversity Board for assisting the Biodiversity Management Committees (BMCs) of the state in preparation of their People's Biodiversity Registers (PBR). This programme aims at enhancing the understanding of the Student Interns about the present day challenges in conservation and sustainable use of biological resources by providing them an opportunity to hone their skills and contribute in meeting these challenges.

1st Batch: 9th January to 8th April 2017.

Total Intake: 20 Students

Eligibility: Post Graduates in Life and Allied Sciences

Fellowships: Rs 5000 per month + Rs 10000 contingency for entire 3 months duration.

The selected Intern has to assist a BMC of their choice in preparation of People's Biodiversity Registers. This assignment has to be completed in three month's time.

Other Benefits of the Programme:

1. Access to library of the Board.
2. An opportunity to learn and interact with eminent Scientists/ Researchers/Wildlife Conservationists/Forest Officers through 'Lecture Series' planned each month on varied topics of biodiversity conservation.
3. Outdoor visits to training centres, wildlife rich areas and research laboratories.
4. Experience certificate on completion of the programme.
5. Re-engagement as BRAP Fellow subject to quality of the PBR report prepared and time availability.



Photographs of the Internship Programme



Interns interacting with Resource Persons



Classroom session on GIS



Session on Community in Conservation



Valedictory function of 1st batch Interns



Field session at Gibbon WLS



Field session at Burhachapori WLS

XI. Expert Groups/ Committees constituted for various technical works of the Board:

- i. Expert Committee for the project 'Study on the Fish diversity in Brahmaputra River inside Assam'.
- ii. Expert Committee for evaluation of proposal for declaration of Majuli as Biodiversity Heritage Site.
- iii. Expert Group for review of Assam Biodiversity Strategy & Action Plan
- iv. Expert Group for Internship Programme on Biodiversity Conservation
- v. Expert Group for evaluation of applications for access to bioresources.
- vi. Expert Committee for Majuli Biodiversity Heritage Site Management.

The list of Expert Committees are at Annexure II

X. Publications of Board:

The following publications were made by the Board during 2016-17:

- i. Book: Edible Bioresources & Livelihoods
- ii. Annual Report 2015-16
- iii. A report on "Biodiversity Assessment study of proposed 132 KV S/C west Phileng-Marpara Transmission Line (Dampa Tiger Reserve), Mizoram" submitted to Power Grid corporation of India.



Release of Edible Bio-resources & Livelihoods book by Hon'ble Forest Minister, Assam

XI. Ongoing publicity works:

The Board in collaboration with 'North East Network' has been developing five (5) short documentaries films under their 'Green Hub Project' on the following themes:

- i. Subsistence value of Forests
- ii. Traditional Knowledge
- iii. Human-Animal Conflict
- iv. Protect Area Interface
- v. Life of a Forest Guard

XI. Ongoing Research Projects:

The following **four** projects have been undertaken by the Board during 2016-17:

- i. Inventory and documentation of Insect fauna of Assam from existing entomological resources/information. Final report received, under process for publication.
- ii. Study of fish diversity in river Brahmaputra of Assam, to identify the threatened species, evaluate and determine their present conservation status and needs: Work going on as desired & 1st draft final report received.
- iii. Preparation of Assam Biodiversity Strategy & Action Plan document by Wildlife Institute of India, Dehradun.
- iv. Plant diversity assessment of Dima Hasao District undertaken by CSIR-National Botanical Research Institute, Lucknow.

XIII. Permissions sought/ granted:

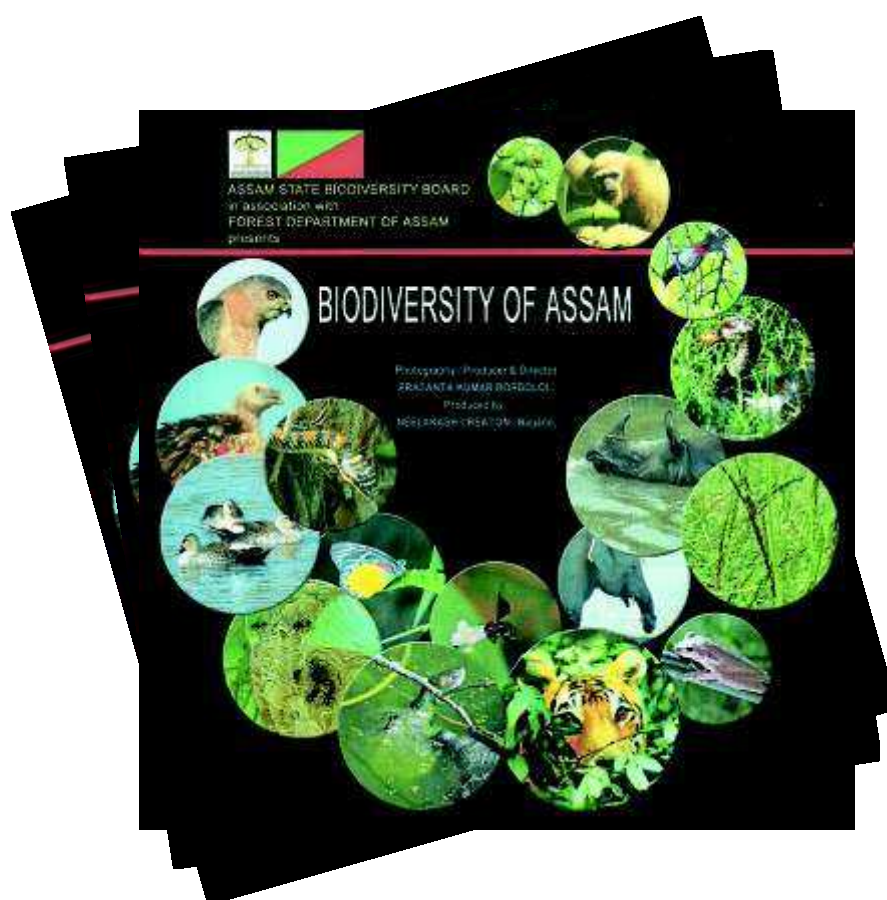
The Biological Diversity Act 2002 and the Assam Biodiversity Rules 2010 regulate access to biological resources and prescribe manner in which the access could be allowed. The Board received several applications seeking access to biological resources for various purposes.

The following eight (8) research applications have been approved by the Board during 2016-17:

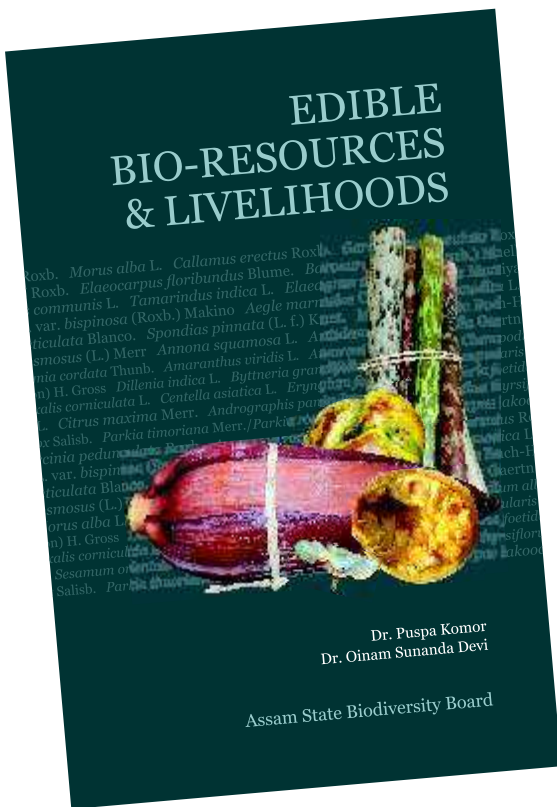
Sl. No.	Name of the Applicant	Designation & Address	Duration	Title of Research/ bio-resources to be accessed
1.	Dr. Narayan Sharma	Assistant Professor, Cotton College University, Guwahati	12 months	Distribution and Conservation of <i>Vatica lanceaefolia</i> (Morhal) in Reserve Forests of Upper Brahmaputra Valley
2.	Mr. Nilutpal Mahanta	PhD Research Scholar, Dept. of Zoology, Gauhati University	36 months	Distribution and status of <i>Francolinus gularis</i> in Manas National Park and Laokhowa WLS, Assam”
3.	Ms. Reshmi Bhattacharjee	PhD Research Scholar, Dept of Zoology, Gauhati University	36 months	Insect Diversity of Manas National Park, Assam
4.	Dr. Namram Sushindrajit Singh	Assistant Professor, Cotton College University, Guwahati	36 months	Time is on your side: the importance of short photoperiod in reproduction of bird, involving two bird species i.e. Eurasian Tree Sparrow & Scaly-breasted Munia in Assam
5.	Mr. Rubul Tanti	M.Sc. Dept. of Zoology & WL Biology, A. V. C. College, Mayiladuthurai	6 months	An assessment of various adaptations of fresh water air breathing fishes at Digboi, Assam

Sl. No.	Name of the Applicant	Designation & Address	Duration	Title of Research/ bio-resources to be accessed
6.	Dr. Parimal Roychoudhury	Assistant Professor, College of Veterinary Sciences & AH, CAU, Mizoram	8 months	Viral meta-genomic profiling of native and migratory aquatic birds of North-Eastern states to unravel influenza virus ecology harbored in them
7.	Ms. Dipti Thakuria	PhD Research Scholar, Dept. of Zoology, Gauhati University	36 months	Diversity of dragonflies in Rani Garbhanga Reserve Forests and its adjacent areas, Assam
8.	Dr. Farishta Yasmin	Associate Professor & Head of the Department of Botany, Nowgong College, Nagaon	12 months	Study & collection of Cryptogamic flora from Protected Areas (PAs) of Assam

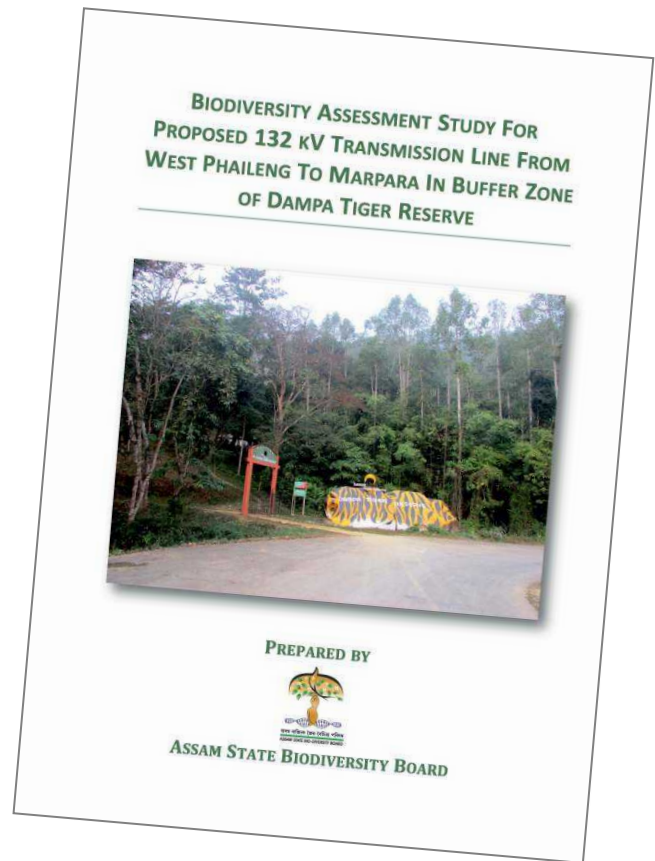
PUBLICATIONS OF THE BOARD FOR 2016-17



Assamese Documentary
on BD Act & Rules



Book Published by ASBB
Publications of the Board
for 2016-17



Report on
'Biodiversity Impact Assessment'
DAMPA TR, Mizoram



ANNUAL REPORT
2015-16
Assam State Biodiversity Board



Annual Report
2015-16

List of BMCs of BTAD constituted during FY 2016-17

Annexure-II

Sl. No.	Name of BMC	District	Forest Division
1	Khoraghat BMC	Kokrajhar	Parbatjhora Forest Division
2	Salkocha BMC	Kokrajhar	Parbatjhora Forest Division
3	Guma BMC	Kokrajhar	Parbatjhora Forest Division
4	Rupshi BMC	Kokrajhar	Parbatjhora Forest Division
5	Central Range Kachugaon BMC	Kokrajhar	Kachugaon Forest Division
6	Safna Range Kachugaon BMC	Kokrajhar	Kachugaon Forest Division
7	Western Range Raimona BMC	Kokrajhar	Kachugaon Forest Division
8	Eastern Range Athiabari BMC	Kokrajhar	Kachugaon Forest Division
9	Ultapani Range Ultapani BMC	Kokrajhar	Haltugaon Forest Division
10	Gaurang Range Bishmuri BMC	Kokrajhar	Haltugaon Forest Division
11	Jharbari Range Jharbari BMC	Kokrajhar	Haltugaon Forest Division
12	Nayekgaon Range Nayekgaon BMC	Kokrajhar	Haltugaon Forest Division
13	Salbari BMC	Baksa	Baksa Forest Division
14	Batabari BMC	Baksa	Baksa Forest Division
15	Kumarikata BMC	Baksa	Baksa Forest Division
16	Tamulpur BMC	Baksa	Baksa Forest Division

List of BMCs of KAAC constituted during FY 2016-17

Annexure-II

Sl. No.	Name of BMC	District	Forest Division	Forest Range
1	Eastern Range, Bokajan BMC	Karbi Anglong	East Division	Eastern range, Bokajan
2	Dalamara BMC	Karbi Anglong	East Division	Northern Range, Dalamara
3	Parkup Pahar BMC	Karbi Anglong	East Division	North Western Range, Parkup Pahar
4	North-Eastern, Silonijan BMC	Karbi Anglong	East Division	North Eastern Range, Silonijan
5	Dokmoka BMC	Karbi Anglong	East Division	Western Range, Dokmoka
6	Central Range, Manja BMC	Karbi Anglong	East Division	Central Range, Manja
7	Diphu BMC	Karbi Anglong	West Division	Central Range
8	Barlangfer BMC	Karbi Anglong	West division	Western Range
9	Langpher BMC	Karbi Anglong	West division	Northern Range, Phonglokpet
10	Rangapahar BMC	Karbi Anglong	West division	Eastern Range, Rangapahar

News Clippings



Advertisements for celebration of International Biological Day on 22nd May 2016



News article about celebration of International Biological Day on 22nd May 2016 at Nameri National Park

INDEPENDENT AUDITOR'S REPORT

To,
ASSAM STATE BIO DIVERSITY BOARD
ASSAM

We have carried out the audit of the accompanying financial statements of **ASSAM STATE BIO DIVERSITY BOARD** which comprises of Balance sheet as at 31st March, 2017 Income & Expenditure Account and Receipts and Payments for the year then ended and a summary of significant accounting policies and other explanatory notes.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and presentation of these Financial Statements in accordance with Generally Accepted Accounting Principles in India and other applicable standards. This responsibility includes designing, implementing and maintaining internal control relevant to the preparation and presentation of the financial statements that is free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Auditing Standards generally accepted in India and other applicable standards. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Board's preparation and presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates, if any, made by management, as well as evaluating the overall presentation of the financial statements.



Contd.....P/2

P. GAGGAR & ASSOCIATES
CHARTERED ACCOUNTANTS

AASTHA TOWER, 2ND FLOOR, C.K.ROAD,
PANBAZAR, GUWAHATI - 781 001
TEL : (0361) 2543046, 2545558
e-mail : gaggarp@gmail.com

(2)

We believe that the audit evidence, we have obtained, is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and gives a true and fair view in conformity with the accounting principles generally accepted in India.

- i. in the case of the balance sheet, of the state of affairs of the Board as at 31st March 2017;
- ii. in the case of the Income & Expenditure Account, of the surplus for the year ended on that date.



PLACE : GUWAHATI
DATE : 18.09.2017

For P. GAGGAR & ASSOCIATES
CHARTERED ACCOUNTANTS
FIRM REGN. NO. 318074E

A handwritten signature in blue ink, appearing to be 'P. Gaggar'.

(P. GAGGAR)
PARTNER (M.NO.040259)

ASSAM STATE BIO DIVERSITY BOARD**ASSAM****SCHEDULE ATTACHED TO AND FORMING PART OF THE FINANCIAL STATEMENTS
AS ON 31.03.2017****1. SIGNIFICANT ACCOUNTING POLICIES :****A. ACCOUNTING CONVENTION**

The financial statements have been prepared in accordance with Historical cost convention.

B. FIXED ASSETS AND DEPRECIATION

Tangible fixed assets are carried at cost of acquisition less depreciation where applicable. Depreciation of Fixed Assets is provided on written down value basis at the rates as per Income Tax Act, 1961.

C. RECOGNITION OF INCOME AND EXPENDITURE

The Board recognizes revenue and charges all costs and expenses on accrual basis of accounting except for grants. The Grants are recognised on cash Basis of accounting.

D. Previous year's figures have been regrouped and rearranged wherever necessary.

2. NOTES TO FINANCIAL STATEMENT

A. The Board receives grant from various sources which it passes to BMCs of the Assam region. In some of the cases the Board has not received progress report or expenditure statement (Utilisation Certificate) from the BMC's against the funds released to each BMC. These BMCs, whose fund are not fully utilised are considered as CURRENT ASSETS (Schedule V) and will be booked as an expense in the year of receipt of Utilisation Certificates for the remaining amount.

B. The Board celebrates Bio Day on 22nd May every year by holding a programme at a particular Biological site of Assam Region. The Board incurs all the expenses and is liable to deduct Vat and TDS for the expenses incurred. In this year's Bio day programme which was held in Nameri National Park most of the expenses related to Bio-day were paid through Western Assam Wildlife Division (another government department) due to absence of Board's own branch in that region. Thus, as per the Board, liability to deduct tax (Both VAT and TDS) falls on Western Assam Wildlife Division.



Contd.....P/2

(2)

- C. During this financial year the board awarded a work contract for construction of its new office at Aranya Bhawan, Panjabari. This work contract includes fixing of aluminium partition, providing and fixing aluminium doors, Installation of all luminaries and electrical wiring etc. Electrical wiring installations also included installations of tube lights, CFL, Fans and other electrical appliances. It was not possible for the management to bifurcate the assets from the work contracts as no bill showing the assets installed in the office were provided to them. Thus it is shown as a single asset in the financial statements.
- D. Expenditure made by the board in relation to Assam Government Fund exceeded the amount received from the Assam Government during the current financial year. The excess expenditure was met from the balance funds available from earlier years.
- E. A fund of Rs. 7,71,32,395/- has been received from NABARD, in relation to a project on climate change. The board is acting as a custodian for the said amount on behalf of Office of the Principle Chief Conservator of Forest and Head of Forest Force, Assam and it has been shown as a Liability in the balance sheet. No intimation regarding the manner of application of funds has been received by the board till the date of finalisation of Books of Accounts.



ASSAM STATE BIODIVERSITY BOARD
ARANYA BHAWAN, 2ND FLOOR,
PANJABARI, GUWAHATI-37

BALANCE SHEET AS ON 31ST MARCH, 2017

LIABILITIES	AMOUNT		ASSET	AMOUNT	
Capital Account			Fixed Asset		
As per Last A/c	1,33,07,706.75		As per Last A/c	3,77,920.00	
Less: Excess of Expenditure over Income	-5,26,284.67	1,27,81,422.08	Addition during the year	25,15,747.00	
Current Liabilities			Less: Depreciation	28,93,667.00	24,54,732.73
Professional Tax Payable	1,882.00		Investment		
TDS Payable	48,250.00		Short Term Deposit at HDFC		99,99,000.00
VAT Payable	3,378.00		Current Assets		
Golaghat South Anchalik BMC	15,000.00		Advances to BMC	5,43,032.00	
EPF Organisation	51,045.00		Cash in Hand	1,324.00	
Application Fees received for Forest Department for Recruitment	3,07,18,220.34		Cash at Bank	11,34,84,681.69	11,40,29,037.69
Audit Fee Payable	40,250.00				
Fund from Nabard for Climate change Project	7,71,32,395.00				
Fund from NTPC	56,90,928.00	11,37,01,348.34			
TOTAL	TOTAL	12,64,82,770.42	TOTAL	TOTAL	12,64,82,770.42



For P. GAGGAR & ASSOCIATES
 CHARTERED ACCOUNTANTS

(Signature)

(P. GAGGAR)
 PARTNER (M.NO.040259)

For ASSAM STATE BIODIVERSITY BOARD

(Signature)

(A.K. JOHARI)
 MEMBER SECRETARY

(V.K. PIPERSENIA)
 CHAIRMAN

DATE : 18.09.2017
 PLACE : GUWAHATI

ASSAM STATE BIODIVERSITY BOARD
ARANYA BHAWAN, 2ND FLOOR,
PANJABARI, GUWAHATI-37

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2017

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Expenditure out of NBA Fund (Sch I) :		Funds / Grants received from :	
International Day for Biological Diversity 2016	3,50,000.00	National Biodiversity Authority -	9,13,170.00
Engagement of Contractual Staff	8,13,817.00	Engagement of Contractual staff	3,50,000.00
Preparation of PBR	31,000.00	Celebration of Int. Bioday 2016	18,00,000.00
Training and capacity building workshop at BMC Level	6,00,000.00	Funds for Constitution of BMCs at Dima Hasao A.C and B.T.C	5,00,000.00
		Funds for Translations, Printing and Dissemination	35,63,170.00
Expenditure out of State Grant (Sch II) :		State Government of Assam	
Board Function expenses	2,92,631.00	Field/Research Work and Office Expenses	32,00,000.00
Salary to Officers and staffs	12,69,979.00	Board Functions	18,00,000.00
Project & Technical Works	23,32,176.00		
Publication and Promotion	9,37,702.00	APFBC Society	
Preparation of PBR	3,04,348.00	Interest from Short Term Deposit	20,00,000.00
Office Expenses	4,15,398.00	Bank Interest	1,75,500.00
Audit Fee	1,71,290.00	Other Income	6,77,595.00
		Advertisement in Newsletter	40,000.00
Expenditure out of APFBC Grant (Sch III) :		Sale of Books/Documentary DVDs	950.00
Remuneration to Contractual Staff	3,88,251.00	Tender Fee	35,000.00
Printing of awareness generation materials	84,150.00		
Biodiversity Strategy and Action Plan	10,69,670.00	Income from Project of Power Grid Corp	55,430.00
Strengthening and capacity building workshops of BMCs	12,23,749.00	Excess of Expenditure over Income	5,26,284.67
Awareness generation expense among stakeholders	9,74,434.00		
Expenses towards Infrastructure for new office building	90,421.00		
Biodiversity Status studies on Habitat/Species	75,077.00		
Expenditure on Project of Power Grid Corporation			
Expenditure out of Bank Interest (Sch IV) :			
Excess of Expenditure in Power Grid Corp. assessment study	62,220.00		
Bank Charge	2,869.40		
Excess of Expenditure in celebration of Bioday,2016	8,443.00		
Purchase of Office Materials	81,940.00		
Depreciation			
TOTAL	1,20,73,929.67	TOTAL	1,20,73,929.67

For P. GAGGAR & ASSOCIATES
 CHARTERED ACCOUNTANTS

(P. GAGGAR)
 PARTNER (M.NO.040259)

For ASSAM STATE BIODIVERSITY BOARD

(A.K. JOHARI)
 MEMBER SECRETARY

(V.K. PIPERSENIA)
 CHAIRMAN

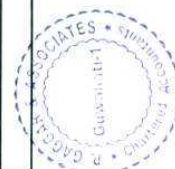
DATE : 18.09.2017
 PLACE : GUWAHATI

ASSAM STATE BIODIVERSITY BOARD
ARANYA BHAWAN, 2ND FLOOR,
PANJABARI, GUWAHATI-37

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2017

RECEIPTS	AMOUNT		PAYMENTS	AMOUNT	
Opening Balance :					
Cash in Hand					3,50,000.00
Cash at Bank	1,30,27,051.75	1,30,27,051.75	International Day for Biological Diversity 2016 Engagement of Contractual Staff Preparation of PBR Training and capacity building workshop at BMC Level	7,95,114.00 31,000.00 6,00,000.00	17,76,114.00
Funds / Grants received from :					
National Biodiversity Authority -			Expenditure out of State Grant :		
Engagement of Contractual Staff	9,13,170.00		Board Function expenses	2,92,423.00	
Celebration of Int. Bioday 2016	3,50,000.00		Salary to Officers and Staffs	12,45,412.00	
Funds for Constitution of BMCs	18,00,000.00		Project & Technical Works	23,32,176.00	
of Dima Hasao A.C and B.T.C			Publication and Promotion	9,37,702.00	
Funds for Translations, Printing and Dissemination	5,00,000.00	35,63,170.00	Preparation of PBR	3,04,348.00	
			Office Expenses	4,15,313.00	56,51,414.00
			Audit Fee	1,24,040.00	
State Government of Assam-					
Field/Research Work and Office Expenses	32,00,000.00		Expenditure out of APFBC Grant :		
Board Functions	18,00,000.00	50,00,000.00	Remuneration to Contractual Staff	3,78,802.00	
			Printing of awareness generation materials	84,150.00	
APFBC Society			Biodiversity Strategy and Action Plan	10,69,670.00	
Received from Power Grid Corp			Strengthening and capacity building workshops of BMCs	12,07,703.00	
Interest from Short Term Deposit			Awareness generation expense among stakeholders	9,33,184.00	
Bank Interest			Expenses towards Infrastructure for new office building	90,421.00	38,39,007.00
Funds received from NTPC			Biodiversity Status studies on Habitat/Species	75,077.00	
Funds received from NABARD for Climate Change					
			Expenditure out of Bank Interest :		
			Excess expenditure in Power Grid Corp. Assessment Study	62,220.00	
			Excess of Expenditure of Bioday 2016	8,443.00	
			Bank Charge	2,869.40	
			Purchase of Office Materials	81,940.00	1,55,472.40
Application Fees received for recruitment of various posts in Forest Department					

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
Other Income		Purchases of Fixed Asset :	
Advertisement in Newsletter	40,000.00	HP Desktops and PCs APFBC	1,14,000.00
Sale of Books/Documentary DVDs	950.00	Computer Peripherals APFBC	5,990.00
Tender Fee	35,000.00	HP Desktops and PCs APFBC	66,992.00
		Air conditioner with inst. APFBC	1,33,890.00
		Power Stabiliser APFBC	5,900.00
		Air conditioner with inst. APFBC	47,800.00
		Public Address System APFBC	3,42,590.00
		Voice Recorder State Fund	7,000.00
		CC TV Camera APFBC	69,048.00
		Furniture APFBC	93,238.00
		Conference Table (Extension) APFBC	55,000.00
		Office Chair APFBC	92,985.00
		Almirah APFBC	25,709.00
		Drawer Mobile Pedestal APFBC	7,728.00
		Furniture Sets APFBC	89,240.00
		Almirah and Steel Cabinet APFBC	38,788.00
		Civil Works APFBC	13,19,849.00
		Advance to BMCs	5,43,032.00
		Audit Fees Paid of previous year	80,150.00
		Payment of Previous Year's Salary	1,20,029.00
		Payment of Previous Year's Deduction	11,226.00
		Expenses for fund received from Power Grid Corporation	55,430.00
		Payment from Funds received from NTPC	69,10,752.00
		Payment for Application Fees received for Forest Department Recruitment	2,43,427.95
		Fixed Deposit	99,99,000.00
		Closing Balance :	
		Cash in Hand	1,324.00
		Cash at Bank	11,34,84,681.69
	TOTAL	TOTAL	TOTAL
			14,53,86,807.04



For P. GAGGAR & ASSOCIATES
CHARTERED ACCOUNTANTS

(Signature)
(P. GAGGAR)
PARTNER (M.NO.040259)

For ASSAM STATE BIODIVERSITY BOARD

(Signature)
(V.K. PIPERSENIA)
CHAIRMAN

(Signature)
(A.K. JOHARI)
MEMBER SECRETARY

DATE : 18.09.2017
PLACE : GUWAHATI

জৈৱবৈচিত্ৰ্য জীৱনৰ আধাৰ

ASSAM STATE BIODIVERSITY BOARD
Aranya Bhawan, 2nd Floor, Panjabari, Guwahati-781037
Phone: 0361-2332278/2333917; Fax: 0361-2333788
Email: assambioboard@gmail.com

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