

ANNUAL REPORT
2015-16

Assam State Biodiversity Board



অসম ৰাজ্যিক জৈৱ-বৈচিত্ৰ্য পৰিষদ
ASSAM STATE BIO-DIVERSITY BOARD

Annual Report
2015-16
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), 3 Tiger Reserves (KNP, Manas and Nameri) and 5 Elephant Reserves.

There has been a growing concern worldwide for depletion of biological diversity, which led to the establishment and adoption of the Convention on Biological Diversity (CBD) in 1992. This Convention recognizes the sovereign rights of the states 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 biological resources and associated traditional knowledge. At the national level, National Biodiversity Authority (NBA) oversees implementation of the Act. The State Biodiversity Boards (SBBs) are formed at state level and Biodiversity Management Committees (BMC) are constituted by the local bodies to decentralize the implementation of the Act.

Assam State Biodiversity Board:

The Government of Assam constituted “Assam Biodiversity Board” on 29th September 2010 as per Section-22(1) of the Biological Diversity Act-2002 (Act 18 of 2003) to promote biodiversity conservation, sustainable use of its components besides equitable sharing of benefits arising out of the use of biological resources and its associated traditional knowledge.

Composition of the Board:

Chairperson:

The Board is headed by a Chairman not below the rank of Additional Chief Secretary to the Government of Assam. During the year 2015-16, Shri Subhash Chandra Das, IAS, Addl. Chief Secretary and Sri V. K. Pipersenia, IAS, Chief Secretary to Govt. of Assam held the Chairmanship of the Board.

Member secretary:

The officer in-charge of Biodiversity in the Forest Department is the Member Secretary to the Board.

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.

Regular 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. Chairman, State Pollution Control Board-Assam;
4. Additional Principal Chief Conservator of Forests (Wetlands) and
5. Additional Principal Chief Conservator of Forests (Research Education & Working Plans), Assam.

Functions of the Assam State Biodiversity Board:

Without prejudice to the provisions of the Act in general, the Board has following functions:

- | | | | | | |
|------|---|-------|--|-------|--|
| i. | To lay down procedure and guidelines to govern the activities under section 23 of the Act; | vii. | To engage consultants for a specific period, not exceeding three years, for providing technical assistance to the Board in the effective discharge of its functions: provided that if it is necessary and expedient to engage any consultant beyond three years, the Board shall seek prior approval of the Government for such an engagement; | xi. | Development of state wide strategy for implementing biodiversity programmes; |
| ii. | To advise the government on any matter concerning conservation of biological diversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resources and associated traditional knowledge; | viii. | To collect, compile and publish technical and statistical data, manuals, codes and guidelines relating to conservation of biological diversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resource and knowledge; | xii. | To identify the natural habitat of useful biological communities by enlisting the services of the locally available experts; |
| iii. | To provide technical assistance and guidance to the departments of the State Government; | ix. | Inventorization, cataloguing of biodiversity, monitoring the rate of depletion, awareness creation in public, decision makers and planners and initiating scientific, administrative, legal and socio-economic measures for the protection of biodiversity; | xiii. | Preparation of an exhaustive inventory of the species available in the natural habitat of useful biological communities and take steps to preserve them, |
| iv. | To regulate by granting of approvals or otherwise, on requests for commercial utilization or bio-survey and bio-utilization of any biological resource by Indian Nationals; | x. | To compile a database on the biodiversity resources in the State, | xiv. | To take steps to build up database and to create information and documentation system for biological resources and associated traditional knowledge through biodiversity registers and electronic database to ensure effective management, promotion and sustainable uses; |
| v. | To facilitate in updating and implementation of State Biodiversity Strategy and Action Plan; | | | xv. | To devise methods to ensure protection of rights including intellectual property rights over biological resources and associated knowledge including systems of maintaining confidentiality of such information as appropriate including protection of information recorded in People's Biodiversity Register; |
| vi. | To constitute expert committees consisting of experts and persons having local knowledge, commission studies and sponsor investigation and research; | | | | |

- xvi. To ensure that biodiversity and biodiversity dependent livelihoods are integrated into all sectors of planning and management and at all levels of planning from local to state to enable such sectors and administrative levels to contribute effectively for conservation and sustainable use;
- xvii. To plan and organize training programmes for personnel engaged or likely to be engaged in programmes for the conservation of biological biodiversity and sustainable use of its components;
- xviii. To generate public awareness for conservation of biological diversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resource and knowledge;
- xix. Setting up sufficient infrastructure and strengthening technology base in biochemistry and biotechnology including molecular systematizer;
- xx. Preparation of annual budget of the Board incorporating its own receipts as also devolution from the Central and the State Governments and the National Biodiversity Authority;
- xxi. To recommend creation of posts to the Government for the effective discharge of functions by the Board and to create such posts:
- a. Provided that no such posts of any nature, whether temporary or permanent, shall be create without the prior approval of the Government,
 - b. To approve the method of recruitment to such posts;
- xxii. To co-ordinate the activities of the Biodiversity Management Committees,
- xxiii. To give directions to Biodiversity Management Committees in writing and through appropriate oral means for effective implementation of the Act and to facilitate their meaningful participation in all measures relating to conservation, sustainable use and equitable benefit sharing,
- xxiv. To report to the Government and the National Biodiversity Authority about the functioning of the Board and Implementation of the Act,
- xxv. To recommend, prescribe or modify collection fee of biological resources from time to time;
- xxvi. To sanction grants-in-aid and grants to the Biodiversity Management Committees for specific purposes;
- xxvii. To undertake physical inspection of any area within its jurisdiction in connection with the implementation of the Act;
- xxviii. To do such other functions as may be directed by the State Government from time to time.

Board Office:

The Office of the Assam State Biodiversity Board is presently located at Paryatan Bhawan, 1st Floor, A. K. Azad Road, Rehabari, Guwahati-781008.

Staff of the Board:

The Board has the following regular staff:

- i. Scientific Officer - 1
- ii. Scientific Assistant - 1

In addition, the Board has following contractual staff:

- i. Technical Associate - 1
- ii. Technical Assistant - 1
- iii. Junior Accountant - 1
- iv. Office Attendant - 1

There are also three 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 2015-16:

14th Board meeting:

The 14th meeting of the Board was held on 30th April 2015 at the Board office. In the absence of the Chairman, Shri Darash Mathur, IFS, Principal Chief Conservator of Forests & HoFF, Assam, presided over the meeting.

1. The Board was informed of the following developments:

- Constitution of 171 Biodiversity Management Committees (BMC) at the Anchalik Panchayat or Block Level.
- Completion of People's Biodiversity Registers of 5 BMCs under Nagaon District. A draft PBR of Hajo BMC is ready to be vetted by Technical Support Group. PBR preparation of 68 BMCs are still in progress.
- Engagement to Fellows under the Biodiversity Research Associate Programme (BRAP) to work with Mayong and Barak valley BMCs.
- Preparations made for the Celebration of International Day for Biological Diversity on 22nd May, 2015 in Upper Assam.

2. The Board had discussions on the following issues:

- Constitution of Panel of Experts for the Board.
- Progress in respect of 4 ongoing research projects of the Board.
- Compilation of documents on threatened flora and fauna of the State for the Declaration of Threatened Taxa U/s 38 of the BD Act-2002.
- Declaration of "Biodiversity Heritage Sites" of the State U/s 37 of the BD Act- 2002 .

3. The Board ratified the following:

- The draft copy of Annual Report for FY 2013-14.
- A brochure named "Assam- land of red river and blue hills" in English and two standees for generating awareness.
- No-objection granted to various research proposals.



Shri Darash Mathur, IFS, Principal Chief Conservator of Forests & Head of Forest Force presiding over the meeting



Dr. Aparajita De, Expert Member presenting progress on preparation of People's Biodiversity Registers of Barak Valley

15th Board meeting

The 15th Meeting of the Board was held on 28th August 2015 at Board Office, Rehabari Guwahati under the Chairmanship of Shri Subhash Chandra Das, IAS, Additional chief Secretary-Assam and Chairman, Assam State Biodiversity Board.

1. The Board was informed of the following developments:

- Constitution of 185 Biodiversity Management Committees (BMC) at Anchalik Panchayat or Block Level. Constitution of BMCs under the 3 Autonomous Hill Councils of the State is under process.
- Completion of People's Biodiversity Registers of Hajo and Mayong BMC which are also ready to be vetted by Technical Support Group. Preparation of PBRs are going on at 105 BMCs.
- Submission of the first list of candidate species to the State Government for declaration of Threatened Taxa.
- Publication of a booklet with the name "Biodiversity for Sustainable Development" in English and Assamese language.
- Participation of the Board in the workshop of BMCs and PBRs for NE SBBs held at Kolkata.

- Celebration of International Biological Diversity Day at Jeypore RF on 22nd May 2015.

2. The Board had discussions on the following issues:

- Nominations received for the declaration of "Biodiversity Heritage Sites".
- Progress in respect of the 4 ongoing research projects of the Board.
- Divisional Level Workshops held at Upper Assam.
- Consultancy offer to the Board for biodiversity assessment of Dampa TR, Mizoram from Power Grid Corporation of India.

3. The Board ratified the following:

- Commissioning of a documentary on BD Act and Rules for about 30 minutes by Neel Akash Creation, Nagaon.
- No-objection granted to various research proposals.



Chairman and members interacting during the meeting



Member Secretary presenting key issues of the Meeting

16th Board meeting

The 16th Meeting of the Board took place at the Mathanguri Forest Range, Manas National Park on 17th December, 2015. The meeting was chaired by Shri Subhash Chandra Das, IAS, Addl. Chief Secretary and Chairman-Assam State Biodiversity Board.

1. The Board was informed of the following developments:

- Proposal for constitution of 9 BMCs at Dima Hasao Autonomous Council and 21 BMCs at Bodoland Territorial Council has been initiated.
- Completion of the 18 Draft PBRs which are also ready to be vetted by Technical Support Group. Ongoing works at 89 BMCs.
- Completion of the documentation project on Spider and its publication into an ISBN book is under progress.
- Engagement of 23 Fellows under the Biodiversity Research Associate Programme (BRAP) to assist the Board in PBR preparation.
- Acceptance of consultancy assignment on biodiversity assessment offered by Power Grid Corporation to the Board.

2. The Board had discussions on the following issues:

- Progress in respect of the 3 ongoing research projects of the Board.
- Initiation of work on the Assamese documentary on BD Act and Rules.
- Appointment of Scientific Officer and Scientific Assistant against the two posts created with the Board.

3. The Board ratified the following:

- No-objection granted to various research proposals.
- Revision of work plan of the Board for FY 2015-16.



Chairman and Members of the Board along with DFOs & Director of Manas National Park



Member Secretary presenting key issues during the meeting

17th Board meeting

The 17th Meeting of the Board was held on 11th March 2016 at the conference hall of Chief Secretary, Assam at Dispur. The meeting was chaired by Shri V. K. Pipersenia, Chief Secretary-Assam and Chairman- Assam State Biodiversity Board.

1. The Board was informed of the following developments:

- Constitution of 187 Biodiversity Management Committees (BMC) at Anchalik Panchayat or Block Level. Constitution of BMCs at DHAC and BTAD are under process.
- Completion of 6 People's Biodiversity Registers and PBR preparation works of 99 BMCs are still under progress.
- A total of 47 Fellows assigned under the Biodiversity Research Associate Programme and continuation of the assignment offered to 22 Fellows.
- Completion of the documentation project on wild edible bioresources and processing of the final report for publication.
- Launch of a documentary on BD Act and Rules in Assamese language.

2. The Board had discussions on the following issues:

- Progress in respect of the 2 ongoing research projects of the Board.
- Report of Accountant General Audit for the FY 2011-12, 2012-13 & 2013-14.
- Finalization of Terms of Reference for starting the preparation of Assam Biodiversity Strategy and Action Plan by WII, Dehradun
- Initiating a study on the “Inventory and status of wetland of Assam”.
- Role of Board on 'Sustainable Development Goals'.

3. The Board ratified the following:

- Shifting of Board Office premises from Paryatan Bhawan, Rehabari to Aranya Bhawan, Panjabari.



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



Release of a Book “Common Spiders” published by ASBB during the meeting

MAJOR ACTIVITIES OF THE BOARD DURING THE YEAR 2015-16

I. Biodiversity Management Committees (BMC):

The Board constituted 15 new Biodiversity Management Committees (BMCs) during 2015-16 covering 5 Districts namely Kamrup, Goalpara, Jorhat, Nagaon and Morigaon. A list of the newly constituted BMCs are given at **Annexure-I**.

II. People's Biodiversity Registers (PBR):

The work for preparation of PBR has been undergoing at 124 Anchalik BMCs of the State. The following is the present status:

1. Technical Support Group (TSG) vetted complete PBR: **5**
2. Final Draft under process for TSG vetting: **40**
3. On-going: **79**

a. Financial Assistance for preparation of PBR:

An amount of Rs 50,000/ BMC has been sanctioned to 51 BMCs for starting the work of preparation of PBR during 2015-16. The following are the District-wise number of BMCs where the financial assistance for preparation of PBR has been sanctioned

| Name of District | Number of BMCs |
|------------------|----------------|
| Tinsukia | 7 |
| Dibrugarh | 7 |
| Sivasagar | 9 |
| Jorhat | 6 |
| Golaghat | 8 |
| Bongaigaon | 5 |
| Nagaon | 7 |
| Morigaon | 2 |

Total Number of BMCs

51

b. PBR Digital Database:

The database is completed and field trial under process.

c. Biodiversity Research Associate Programme (BRAP):

For the FY 2015-16, 44 Fellows under the Program have been engaged to assist BMCs in preparation of their PBR and BMC management plans.

III. Sensitization workshops/exhibitions:

a. Divisional Level Sensitization Workshops:

The Board organizes Workshops from time to time for sensitization of BMC and Panchayat members about the Biological Diversity Act-2002, Assam Biodiversity Rules-2010, besides the roles and responsibilities of Biodiversity Management Committees in implementation of the Act. The following two workshops were organized during the year 2015-16:

- I. **11th May, 2015:** Divisional Workshop for Dibrugarh District at conference hall of Divisional Forest Office in collaboration with office of Conservator of Forests, Eastern Assam Circle.
- ii. **13th May, 2015:** Divisional Workshops for Golaghat District at CAMPA Forest Nursery, Golaghat in collaboration with Office of Conservator of Forests, Northern Assam Circle.

More than 100 participants from BMCs of the respective districts, representatives from panchayats, members of local NGOs and experts attended these workshops.

b. Other Sensitization Workshops/ Exhibitions participated:

- I. The Board participated in the North East Summit exhibition held at Khanapara, Guwahati on 26th to 27th May 2015 by putting up a stall.
- ii. The Board participated in the workshop cum meeting of NE SBBs on BMCs and PBRs on 9th to 10th July, at IBRAD, Kolkata sponsored by NBA.
- iii. The Board participated at the Children's Book Fair exhibition held at AEI ground, Chandmari from 9th to 18th October, 2015 by putting up a stall.
- iv. The Board participated in the Vibrant North East exhibition held at Khanapara, Guwahati on 19th to 20th February 2016 by putting up a stall.
- v. The Board participated in the National Science Day exhibition held at AEI ground, Chandmari on 28th to 29th February 2016 by putting up a stall.

IV. Documentary on BD Act and Rules:

A short 30 minutes documentary about biodiversity richness of the state, mandate of the Board and of the roles and responsibilities of Biodiversity Management Committees in implementing the Biological Diversity Act and Assam Biodiversity Rules in the state has been prepared by the Board.

V. Declaration of Threatened Taxa:

The Board initiated the process for declaration of Threatened Taxa of the State. For initial stage, a list of five plant and thirteen animal species has been forwarded to the state government for declaring them as Threatened Taxa. A protocol for declaring a species as Threatened Taxa is also being developed.

VI. Declaration of Biodiversity Heritage Site:

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 2015-16, forty proposals were received, of which, around ten proposals are under scrutiny for declaring them as a Biodiversity Heritage Sites.



Assamese Documentary on BD Act & Rules

Divisional Level Workshops



At Dibrugarh
on 11th May 2015



At Golaghat
on 13th May 2015

Other Workshops/Exhibitions



North East Summit,
26th -27th May 2015



Meeting of NE SBBs
at Kolkata,
9th – 10th July 2015

Other Workshops/Exhibitions



Children's Book Fair,
9th -18th October 2015



Vibrant NE,
19th -20th February 2016
(Chinese delegates
at ASBB Stall)

Other Workshops/Exhibitions



National Science Day Fair,
28th - 29th February, 2016



ASBB Staff interacting
with visitors at the Stall

VII. Celebration of International Day for Biological Diversity, 2015



22 MAY 2015
INTERNATIONAL DAY
FOR BIOLOGICAL DIVERSITY
BIODIVERSITY FOR SUSTAINABLE
DEVELOPMENT

The Assam State Biodiversity Board celebrated the “International Day for Biological Diversity” on 22nd May, 2015 on the theme of “Biodiversity for Sustainable Development” at Jeypore Rainforest IB premises, situated in the Dibrugarh District of 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 Atuwa Munda, Hon'ble Minister (Environment & Forests), Assam was the Chief Guest of the function.

The other dignitaries on the dais included Shri Subhash Chandra Das, IAS, Chairman-ASBB & Addl. Chief Secretary, Govt. of Assam, Shri D. Mathur, IFS, PCCF & HoFF-Assam, Shri A.K. Singh, IFS, Addl. PCCF (CAMP), Shri J. M. Kouli, Addl. PCCF (UAZ), Dr. Ranjana Gupta, IFS, Addl. PCCF (Wetlands), Dr. A.K. Goswami, Member-ASBB, Dr. R. C. Goswami, Member-ASBB, Shri M.S. Manivanam, IAS, Deputy Commissioner, Dibrugarh District, Shri Gyan Pal Bhante, Guru of Namphake Buddhist Monastery and Shri A. K. Johari, IFS, Addl. PCCF (Biodiversity & CC) & Member Secretary, Assam State Biodiversity Board.

Dr. Ranjana Gupta, IFS, Addl. PCCF (Wetlands) welcomed the Guests. Shri A.K. Johari, APCCF (Biodiversity & CC) & Member Secretary-ASBB made an introductory address explaining the significance of the theme of the function.

As part of the celebrations, Painting and Quiz competitions for fringe village school children were organized for generating awareness amongst the school children and local people. About 700 school children from 25 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 and Members of Biodiversity Management Committees of Golaghat, Jorhat, Sivasagar, Dibrugarh and Tinsukia Districts and over 500 school children and local people attended the function.

Main events of the function included:

1. Painting & Photography Exhibition:

Displaying all prize winning paintings of the competition held along with other wildlife & biodiversity photographs of the Jeypore Rainforest by several amateur photographers.

2. Release of a Booklet on the theme:

“Biodiversity for Sustainable Development”.

3. Release of PBR preparation grant:

An amount of Rs 50,000/- was release to 37 BMCS of Upper Assam for starting preparation PBR.

4. Address by Dignitaries:

Shri Subhash Chandra Das, IAS, Chairman-ASBB & Addl. Chief Secretary, Govt. of Assam, Shri D. Mathur, IFS, PCCF & HoFF-Assam, Dr. A.K. Goswami, Member-ASBB, Shri M.S. Manivanam, IAS, Deputy Commissioner, Dibrugarh District, Shri Gyan Pal Bhante, Guru of Namphake Buddhist Monastery.

5. Award of prizes:

a. Painting Competition (Total Participants : 605)

- I. Group I: Class I - V
(1st, 2nd, 3rd & Consolation prizes)
- ii. Group II: Class VI - VIII
(1st, 2nd, 3rd & Consolation prizes)
- iii. Group III: Class IX - X
(1st, 2nd, 3rd & Consolation prizes)

b. Quiz Competition: (Total Participants : 102; 34 teams of 3 students each, from Class IX – X: - 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.

Few Photographs of the Event



Dignitaries at the Function



Hon'ble Minister, E & F at the Function



Chairman-ASBB at the Function



PCCF & HoFF at the Function



PCCF & HoFF at the Function



Hon'ble Minister, E & F lighting the inaugural lamp

Exhibition of the Photographs and Painting at the Function



Release of theme Booklet “Biodiversity for Sustainable Development by Hon'ble Minister of Environment & Forests- Assam



Release of the PBR Grant to BMCs



Prize Distribution for award winning students at the function



Competitive Events for school children



Painting Competition



Quiz Competition

VIII. Publications of Board:

The following publications were made by the Board during 2015-16:

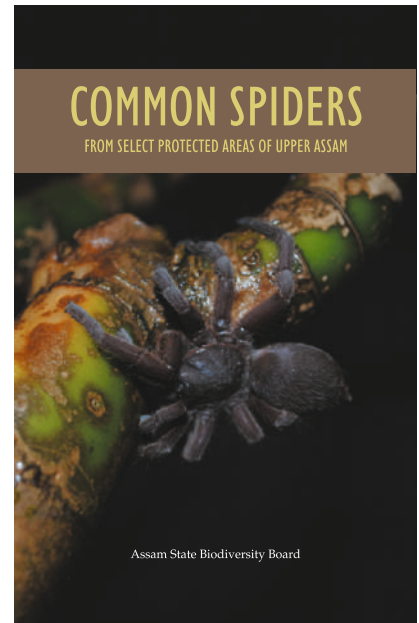
- I. Booklet: Biodiversity for Sustainable Development (English)
- ii. Booklet: Biodiversity for Sustainable Development (Assamese)
- iii. Book: Common Spiders from select Protected Areas of Upper Assam.
- iv. Annual Report 2014-15
- v. Standee: Orchids of Assam
- vi. Standee: Primates of Assam
- vii. Standee: Lizards of Assam



Booklet- Biodiversity for Sustainable Development (English)



Booklet- Biodiversity for Sustainable Development (Assamese)



Book Published by ASBB

Assam state Biodiversity Board

Year of Establishment: 29th September 2010
 State Rules Adapted in: 24th February 2010
 Sixteen Board meetings are held so far since inception of the Board in 29th September 2010.

MILESTONES OF ACHIEVEMENTS SINCE ESTABLISHMENT:

- Biodiversity Management Committees (BMC):**
 - 185 BMCs constituted at Anchalik/Panchayat (Block) level out of total 186.
 - Works going on in the 3 Autonomous Hill Councils.
- Preparation of Peoples' Biodiversity Registers (PBR):**
 - Completed: 6 (1 District level & 5 AJ level)
 - Final draft completed: 20
 - Work going on: 99
- Biodiversity Research Associated Programme (BRAP):**
 - Short 3-6 months duration program launched for B.Sc./M.Sc. life Sciences students stipend of ₹ 5000 - ₹ 8000 (month wise) contingency.
 - Selected BRAP Fellows/assistants BMCs in preparation of their PBR & Action Plans.
- Awareness Workshops organized:**
 - State Level: 1 (One)
 - Zonal level: 7 (Seven)
 - Districtal Level: 20 (Ten)
- Special Events organized/Participated:**
 - St- Day: 2012, 2013, 2014, 2015
 - Seminar on Climate Change & Biodiversity Conservation
 - The Board Participated in Cop-Meeting at Hyderabad.
- Publications/Publicity materials developed for awareness:**
 - Posters: 12
 - Leaflets: 3
 - Booklet: 9
 - Story Book: 1
 - Annual Report: 3
 - Documentary: 2
- Permissions approved:**
 - EPB: 9
 - Research Permission: 55
- Projects undertaken:**
 - Completed: 2
 - Work going on: 2

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Annual Report 2014-15

Standee- Progress of the Board

Orchids of Assam

Orchids are one of the most attractive and mysterious plants on Earth. Their enchanting beauty and unique features have mesmerized the entire humankind since time immemorial.

They are associated with Assam's culture during festivities and is regarded as a symbol of Beauty and onset of Spring in Nature.

Ecologically, orchids are the most evolved monocot family representing a highly specialised group with huge global diversity.

| Worldwide | India | North East India | Assam |
|-----------------|-------|------------------|-------|
| 25,000 - 35,000 | 1331 | 856 | 182 |

Orchids exhibit an incredible range of diversity in Flower structure and Habits.

Epiphytic: They grow on another plant body only for support. Eg.

Terrestrial: They grow and survives on land.

Saprophytic: They grow and obtain food from dead remains of plants and animals.

Lithophytic: They grow on or in the crevices of rocks.

Some Rare and Beautiful Orchids of Assam

SAVE ORCHIDS FOR THEIR BEAUTY, ECOSYSTEM AND THEIR ROLE IN MITIGATING CLIMATE CHANGE

Major concerns:

- Loss of trees and hence loss of habitat for epiphytic orchids.
- Temperature fluctuations.
- Over-exploitation.

ASSAM STATE BIODIVERSITY BOARD
 Rehabori, Guwahati-781008
 Website: www.asbb.gov.in

Standee- Orchids of Assam

PRIMATES OF ASSAM

Primate is an order of mammals that includes lemurs, monkeys, apes and human. They have higher intelligence than other animals because of their highly developed brain. There are about 300 species of non-human primates world-wide.

3 Family/Genus

| Worldwide | India | North East India | Assam |
|-----------|-------|------------------|-------|
| 250 | 10 | 1 | 1 |

Western hoolock gibbon
 Local name: Hoolock langur
 Scientific name: *Haplorhina hoolock*
 Protection status: IUCN, Schedule I, CITES, Appendix I
 Distribution: Hollonggar Gibbon Sanctuary, Karapuz NP, Mousa NP, Dihra-Saikhowa NP etc.

Golden langur
 Local name: Hoolock langur
 Scientific name: *Presbytis leucogaster*
 Protection status: IUCN, Schedule I, CITES, Appendix I
 Distribution: Chitraldia VLS, Mousa NP, Ripa NP, Ching NP etc.

Pharee's leaf monkey (Langur)
 Local name: Pharee langur
 Scientific name: *Presbytis pharee*
 Protection status: IUCN, Schedule I, CITES, Appendix II
 Distribution: Inner Line NP, Satalaha NP etc.

Slow loris
 Local name: Slow loris
 Scientific name: *Loris tardus*
 Protection status: IUCN, Schedule I, CITES, Appendix I
 Distribution: Hollonggar Gibbon Sanctuary, Karapuz NP, Mousa NP, Dihra-Saikhowa NP etc.

Capped langur
 Local name: Capped langur
 Scientific name: *Presbytis pileolata*
 Protection status: IUCN, Schedule I, CITES, Appendix I
 Distribution: Hollonggar Gibbon Sanctuary, Karapuz NP, Mousa NP, Dihra-Saikhowa NP, Dihra-Saikhowa NP etc.

Pig-tailed macaque
 Local name: Pig-tailed macaque
 Scientific name: *Macaca leonina*
 Protection status: IUCN, Schedule I, CITES, Appendix II
 Distribution: Dihra-Saikhowa NP, Hollonggar Gibbon Sanctuary, Dihra-Patia VLS, Jorhat NP etc.

Stump-tailed macaque
 Local name: Stump-tailed macaque
 Scientific name: *Macaca arifana*
 Protection status: IUCN, Schedule I, CITES, Appendix II
 Distribution: Dihra-Saikhowa NP, Hollonggar Gibbon Sanctuary, Dihra-Patia VLS etc.

Assamese macaque
 Local name: Assamese macaque
 Scientific name: *Macaca assamensis*
 Protection status: IUCN, Schedule I, CITES, Appendix II
 Distribution: Hollonggar Gibbon Sanctuary, Karapuz NP, Mousa NP, Dihra-Saikhowa NP, Dihra-Saikhowa NP etc.

Rhesus macaque
 Local name: Rhesus macaque
 Scientific name: *Macaca mulatta*
 Protection status: IUCN, Schedule I, CITES, Appendix II
 Distribution: All over Assam, very common in Guwahati City.

Another Hoolock Gibbon Species, Eastern Hoolock Gibbon- *Hoolock leucogaster* has been recently reported from Salla sub-division of Assam.

Hollonggar Gibbon Sanctuary in Assam and Assamese Wildlife Sanctuary in Kamrup Metro (near Guwahati) are famous for harboring highest number of primate species in Assam.

ASSAM STATE BIODIVERSITY BOARD
 Rehabori, Guwahati-781008
 Website: www.asbb.gov.in

Standee- Primates of Assam

LIZARDS OF ASSAM

Lizards belong to the Class-Reptilia along with turtles, crocodiles and snakes. They are one of the least concern yet ecologically significant creature of Mother Nature.

They have four limbs and a long tail, however, some species lacks limbs and are snake-like.

Only few species are venomous e.g. Gila Monster, Komodo Dragon etc. luckily they are not found in Assam.

| Worldwide | India | North East | Assam |
|-----------|-------|------------|-------|
| 4000+ | 85 | 85 | 32 |

Gekko gekko (Tokay gecko) কেকো গেকো

- I am the biggest, with black spots
- I do not have venom.
- It is a myth that my meat can cure AIDS and cancer.
- Just see the killing me is an offence!

Varnus bengalensis (Monitor lizard) ভৈ

- Your next generation may not see me because you are eating my eggs, my meat and using my skin.
- I am mildly venomous.
- I am vulnerable, but not me!

Eutropis multifasciata (Many-lined grass skink) মালিনা, মালিনা

- You call me "Monitor lizard" but I am not a monitor lizard!
- I am not venomous.
- I am little!

Draco noronhaii (Noronhai's flying lizard) ড্রাকো নরনহাই

- My name is flying lizard but I am not a flying lizard!
- I live in the deep forests.
- I am endemic to your Assam.

Hemidactylus frenatus (Asian house gecko) হেমিডাকটিল ফ্রেনেটাস

- I am not venomous.
- I say "Gekko" but not other "Gekko" it is just a coincidence.
- It is better good to eat but just eat what you eat!

Tilydromus khansiensis (Khasi Hills long-tailed lizard) টিলিড্রোমাস খানসিন্সিস

- I am Khasi Hills long-tailed lizard!
- I live in the deepest forests.
- Please save my habitat.
- This is my breeding color, normally I am green in appearance!

Calotes verticillatus (Indian garden lizard) কালোটেস বের্টিসিলাটাস

- I can not touch your blood at all!
- I look red to you because!

ASSAM STATE BIODIVERSITY BOARD
 Rehabori, Guwahati-781008
 Website: www.asbb.gov.in

Standee- Lizards of Assam

XI. Ongoing Projects:

The following three projects have been undertaken by the Board during 2015-16:

- i. Documentation of the commonly traded rare and endemic wild edible bio-resources from local markets of central Assam: Final report received, under process for publication of a book.
- ii. Inventory and documentation of Insect fauna of Assam from existing entomological resources/information: Work going on as desired & final report due in July 2016.
- iii. 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 & 5th Quarter Progress report received.
- iv. Consultancy Work assigned by Power Corporation of India “Biodiversity Assessment Study of proposed 132 KV S/C west Phileng-Marpara Transmission Line (Dampa Tiger Reserve), Mizoram”. The work is for three months duration at a total cost of Rs 10.77 Lakh.
- v. Assam Biodiversity Strategy & Action Plan: As per decision taken during 15th meeting of the Board held on 28th August 2015, the Board initiated work for preparation of Assam Biodiversity Strategy and Action Plan. The work has been assigned to Wildlife Institute of India, Dehradun. The assignment is for 12 months duration at a total cost of Rs 18.96 Lakh.

XII. 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 applications have been approved during 2015-16:

1. IPR applications - 1 (One)
2. Research Proposals – 8 (Eight)

The details of the IPR and Research Applications approved by the Board are given below:

IPR Application:

| Sl. No. | Name of the Applicant | Address of the Applicant | Name of Process | Biological Resources Access |
|---------|---|--|--|-----------------------------------|
| 1 | Defence Research & Development Organisation | DRDO, Ministry of Defence, New Delhi | Semi-synthetic non-natural compounds as potential anti-malarials | Gomphostemma niveum (Bhumi Teeta) |

Research Applications:

| Sl. No. | Name of the Applicant | Designation & Address | Duration | Title of Research/ bio-resources to be accessed |
|---------|--------------------------|---|-----------|---|
| 1 | Dr Shailendra Singh | Program Director, Turtle Survival Alliance Lucknow | 36 months | Conservation and rediscovery of Black-softshell Turtle, Nilssonina nigricans in Assam |
| 2 | Yashodhara Aditi Dutta | M.Sc Student School of Public Health & Zoonoses GADVASU, Ludhiana | 12 months | Studies on enteric viruses among non-human primates and wildlife workers: exploring occupational risks / (collection of blood and faecal samples of Rhesus macaque) |
| 3 | Miraj Hussain | PhD Scholar, Assam University, Silchar | 36 months | Ecology of Rufous necked Laughing Thrush <i>Garrulax ruficollis</i> in Barak valley, Assam. |
| 4 | Dr. Jihosua Biswas | Coordinator, Primate Research Centre, NE India, Guwahati | 24 months | Study on 'phylo-geographic distribution and variation of primates in Assam |
| 5 | Dr. A. M. Mao | BSI, Shillong | 8 days | Exploratory tour of Dullung RF, North Lakhimpur |
| 6 | Dr. Farishta Yasmin | Nowgong College, Nagaon | 12 months | Documentation of Cryptogamic flora of Assam (Algae/Fungi) |
| 7 | Ms Dipti Thakuria | PhD Scholar, Gauhati University | 36 months | Study on diversity of dragonflies in Rani-Garbhanga RF and its adjacent areas |
| 8 | Dr. Parimal Roychoudhury | PI, College of Veterinary Sciences & AH, CAU, Aizawl | 48 months | Viral metagenomics profiling of native & migratory aquatic birds of NE States. |

List of BMCs constituted during FY 2015-16

Annexure-I

| Sl. No. | Name of the BMC | District | Registration No. | Notification Details |
|---------|-----------------------------------|----------|----------------------|--|
| 1 | Majuli AP BMC | Jorhat | ABB/JOR/5/37 | MAP. 48/2008-2013/Pt.2 Dated 19/05/2015 |
| 2 | Khagarijan Anchalik Panchayat BMC | Nagaon | ABB/NAG/N(N.D)/20/65 | K/A/P/09 Dated 30/07/2015 |
| 3 | Rupahihat Anchalik BMC | Nagaon | ABB/NAG/N(N.D)/21/65 | RHA/FC/66/2014-15 Dated 30/07/2015 |
| 4 | Juria Anchalik Panchayat BMC | Nagaon | ABB/NAG/N(N.D)/22/65 | JDB/AP/2015-16/268 Dated 30/07/2015 |
| 5 | Batadroba Anchalik Panchayat | Nagaon | ABB/NAG/N(N.D)/23/65 | BDB/A.P/2015/258 Dated 30/07/2015 |
| 6 | Dalanghat Anchalik Panchayat BMC | Morigaon | ABB/MOR/M(N.D)/6/59 | DAP/2015 Dated 30/07/2015 |
| 7 | Lakhipur Anchalik BMC | Goalpara | ABB/GOA/1/83 | LDB/49/9097/98/162 Dated 24/07/2015 |
| 8 | Joleswar Anchalik BMC | Goalpara | ABB/GOA/2/83 | JDB/223/BMC/1 Dated 25/07/2015 |
| 9 | Rongjuli Anchalik BMC | Goalpara | ABB/GOA/3/83 | RTDB/RAP/BMC/13/2015-16/01 Dated 24/07/2015 |
| 10 | Kushdhowa Anchalik BMC | Goalpara | ABB/GOA/4/83 | KAP/Kushdhowa/15/15 Dated 22/07/2015 |
| 11 | Matia Anchalik BMC | Goalpara | ABB/GOA/5/84 | MAP-01/BMC/2015-16 Dated 22/07/2015 |
| 12 | Balijana Anchalik BMC | Goalpara | ABB/GOA/6/84 | BJ/1/BMC/01 Dated 05/08/2015 |
| 13 | Kharmuja Anchalik BMC | Goalpara | ABB/GOA/7/84 | KM/1/BMC/01 Dated 03/08/2015 |
| 14 | Krishnai Anchalik BMC | Goalpara | ABB/GOA/8/84 | KP/31/BMC/2015/01 Dated 29/07/2015 |
| 15 | Chandrapur Anchalik BMC | Kamrup | ABB/KAM/K (E)/2/40 | CB/Mist/12/36 Dated 03/02/2016 |

News Clippings



US military launches secret space plane

WASHINGTON, May 21 - The US Air Force's mysterious X-37B space plane was launched on Wednesday for its sixth mission.

The reusable, unmanned X-37B Orbital Test Vehicle took off atop an Atlas V rocket at 11:49 am from Cape Canaveral, Florida.

The US Air Force did not say how long the X-37B will stay in orbit, but each of the three missions it has been on has lasted longer than the previous one. Its third mission ended 43 days after a total time of 874 days in orbit.

The X-37B, built by Boeing, looks much like NASA's real space shuttles, only much smaller. It is boosted aloft by a rocket and lands like an aircraft on a conventional runway.

The exact purpose of the X-37B was secret, but analysts believe it is used as a spy satellite to deliver weapons from space.

Earlier, the US Air Force was only willing to say that an experimental Hall thruster, a type of electric propulsion that produces thrust by ionizing and accelerating a substance, was onboard the X-37B.

While producing comparatively low thrust relative to chemical rocket engines, Hall thrusters provide significantly greater specific impulse, or fuel economy. "Thanks to the US Air Force's use of a Hall thruster,"

The results in increased payload carrying capacity and a low number of low-thrust maneuvers for a spacecraft using thrusters rather than traditional rocket engines."

Over the month, US space agency NASA revealed that X-37B will already carry about 100 different materials to test how they hold up in space. The X-37B programme is a NASA project in 1999 but was later transferred to the US Air Force. Currently, it's being run by the US Air Force's Capabilities Office. - IANS



decided to help the victims from the very next day of the natural calamity.

"Many personal funds and governments were calling and asking me to get them organized. It was raining heavily, completely dark and dark. Earthquake was reported only occurring. The walls and the windows were falling. But the room refused to leave and volunteered to help the supporters," the spiritual leader said. - IANS

17th cyclone strike in Bangladesh. The spiritual head of the 1,000-year-old Dargah Order based in the Himalayas. They are using their skills to provide assistance to the victims.

Every morning, after their morning prayers and meditation, the maroon-robed men, whose occupancy and residential neighborhoods were extensively damaged, were for the villages located in Bangladesh to help in the reconstruction.

Now they are working to construct prefabricated community halls for the village panchayats," the Gyeshing Devkota, who is active in Nepal and India, told this morning IANS correspondent.



22 MAY 2015
INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY
BIODIVERSITY FOR SUSTAINABLE DEVELOPMENT

CHIEF GUEST:
SHRI ATUWA MUNDA
 HON BLE MINISTER OF ENVIRONMENT & FORESTS,
 TEA TRIBE WELFARE DEPARTMENT, ASSAM

VENUE: JOYPUR RAJOUWA KHELPAATHAR, DIBRUGARH
TIME: 11:00 AM

Everyone is invited. Be a part of Celebrations

Organized by: Assam State Biodiversity Board & Assam Forest Department
 Sponsored by: National Biodiversity Authority, Chennai



Advertisement for celebration of International Day for Biological Diversity on 22nd May 2015



State Forest minister Atuwa Munda accompanied by Dibrugarh DC MS Maniannan at a nature & wildlife exhibition organized to mark the International Day for Biological Diversity at Joypur in Dibrugarh. (Sentinel)

Sonowal the new Namr

STAFF CORRESPONDENT
DIBRUGARH, May 22: The Union Minister of State for Sports and Youth Welfare, Sarbananda Sonowal has expressed his sincere gratitude to Prime Minister Narendra Modi and Union Chemical and Fertilizer Minister Anant Kumar for sanctioning a new ammonia-urea plant at Brahmaputra Valley Fertilizer Corporation Limited (BVFCL), Namrup in Dibrugarh district. Sonowal, expressing satisfaction over the development, said that Prime Minister Modi has added another feather in his already adorned cap by giving nod to the new ammonia-urea plant within the first year of assuming office.

The Union Cabinet chaired by Modi had yesterday gave its approval for setting up of a new ammonia-urea Complex of 8.64 lakh metric tonnes annual capacity with an estimated investment of Rs. 4500 crore on Public Private Partnership (PPP) route by a

News article about celebration of International Day for Biological Diversity on 22nd May 2015 at Jeypore RF, Dibrugarh

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, 2016, Income & Expenditure Account 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.

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



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 : -

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 give 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 2016;
- ii. in the case of the Income & Expenditure Account, of the surplus for the year ended on that date.



PLACE : GUWAHATI
DATE : 28.12.2016

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

(MANALI GAGGAR)
PARTNER (M.NO. 302619)

ASSAM STATE BIO DIVERSITY BOARD
ASSAM

SCHEDULE ATTACHED TO AND FORMING PART OF THE FINANCIAL STATEMENTS AS ON 31.03.2016

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 organisation has given grants to some professors/ institutions for research work and also some other payments have been done for which Tax Deducted at Source (TDS) has not been deducted. However, in some cases where grants have been given, the TDS shall be deducted while making the full and final payment.
- B. The Board has not received any progress report or expenditure statement from the BMC's against the funds released to each BMC. However, the fund so released has been treated as expenditure in the current year.



Member Secretary
Assam State Biodiversity Board

ASSAM STATE BIODIVERSITY BOARD

PARYATAN BHAWAN, 1ST FLOOR,

A. K. AZAD ROAD, REHABARI,

GUWAHATI

BALANCE SHEET AS ON 31/03/2016

| LIABILITIES | AMOUNT | ASSET | AMOUNT |
|--|----------------------|---------------------------------------|----------------------|
| Capital Account | | Fixed Asset | |
| As per Last A/c | 9,767,387.00 | As per Last A/c | 343,931.00 |
| Add: Excess of Income over Expenditure | 3,540,319.75 | Addition during the year | 170,640.00 |
| | | Less: Depreciation | 514,571.00 |
| Current Liabilities | | | 136,651.00 |
| Other payables | | Fund receivable from Power Grid Corp. | |
| Provision for remuneration/Salary | | | 114,140.00 |
| Provision for Audit Fees | | Cash in Hand | |
| | | Cash at Bank | 13,027,051.75 |
| TOTAL | 13,519,111.75 | TOTAL | 13,519,111.75 |



[Signature]
Member Secretary
Assam State Biodiversity Board


[Signature]
Chairman
Assam State Biodiversity Board

ASSAM STATE BIODIVERSITY BOARD
 PARYATAN BHAWAN, 1ST FLOOR,
 A. K. AZAD ROAD, REHABARI, GUWAHATI.

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31/03/2016

| EXPENDITURE | AMOUNT | INCOME | AMOUNT |
|---|----------------------|---|----------------------|
| Expenditure out of NBA Fund (Sch I) : | | Funds / Grants received from : | |
| International Bioday 2015 | 500,000.00 | National Biodiversity Authority - | |
| Engagement of Contractual Staff | 915,870.00 | Engagement of Staff | 950,000.00 |
| Preparation of PBR | 681,000.00 | Celebration of Int. Bioday 2015 | 500,000.00 |
| NBA Special Event | 755,059.00 | Training & capacity Building | 600,000.00 |
| Expenses for NBA Officers Visit | 13,101.00 | Special Event | 755,059.00 |
| | | Reimbursement of Exps for NBA Off Visit | 13,101.00 |
| Expenditure out of State Grant (Sch II) : | | State Government of Assam | 2,818,160.00 |
| Board Function expenses | 391,805.00 | APFBC | 3,000,000.00 |
| Salary to Staff | 222,679.00 | | 7,150,000.00 |
| Office Expenses | 851,606.00 | Bank Interest | 502,035.00 |
| Project & Technical Works | 1,495,060.00 | Reimbursement from Horticulture & | |
| Publication and Promotion | 168,457.00 | Food Processing, Assam | 67,847.00 |
| Preparation of PBR | 2,806,000.00 | Expenditure written back | 7,402.00 |
| Audit Fee | 80,150.00 | Consultancy Fees from Power Grid Corpn | 914,140.00 |
| Expenditure out of APFBC Grant (Sch III) : | | | |
| Remuneration to Staff | 156,833.00 | | |
| Printing for awareness generation | 809,000.00 | | |
| Bank Charge | | | |
| | | | |
| Unutilised amount refund to NBA | | | |
| | | | |
| Expenditure out of Power Grid Corp. (Sch IV) | | | |
| | | | |
| NEDFi advances written off | | | |
| | | | |
| Depreciation | | | |
| | | | |
| Excess of Income over Expenditure | | | |
| | | | |
| TOTAL | 14,459,584.00 | TOTAL | 14,459,584.00 |




 Member Secretary
 Assam State Biodiversity Board


 Chairman
 Assam State Biodiversity Board

ASSAM STATE BIODIVERSITY BOARD

PARYATAN BHAWAN, 1ST FLOOR,
A. K. AZAD ROAD, REHABARI, GUWAHATI

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED 31/03/2016

| RECEIPTS | AMOUNT | PAYMENTS | AMOUNT |
|--|----------------------|---|----------------------|
| Opening Balance : | | Expenditure out of NBA Fund (Sch I) : | |
| Cash in Hand | 9,491,805.00 | International Bioday 2015 | 500,000.00 |
| Cash at Bank | | Engagement of Contractual Staff | 863,419.00 |
| | | Preparation of PBR | 681,000.00 |
| Funds / Grants received from : | | NBA Special Event | 755,059.00 |
| National Biodiversity Authority - | 950,000.00 | Expenses for NBA Officers Visit | 13,101.00 |
| Engagement of Staff | 500,000.00 | | |
| Celebration of Int. Bioday 2015 | 600,000.00 | Expenditure out of State Grant (Sch II) : | |
| Training & capacity Building | 755,059.00 | Board Function expenses | 391,805.00 |
| Special Event | 13,101.00 | Salary to Staff | 151,513.00 |
| Reimbursement of Exps for NBA Off. Visit | 2,818,160.00 | Office Expenses | 851,606.00 |
| | | Project & Technical Works | 1,495,060.00 |
| State Government of Assam | 3,000,000.00 | Publication and Promotion | 168,457.00 |
| APFBC | 7,150,000.00 | Preparation of PBR | 2,806,000.00 |
| | | | |
| Consultancy Fees from Power Grid Corpn | | Expenditure out of APFBC Grant (Sch III) : | |
| | | Remuneration to Staff | 156,833.00 |
| Bank Interest | | Printing materials | 809,000.00 |
| | | | |
| Reimbursement from Horticulture & Food Processing, Assam | | Expenditure out of Power Grid Corp. (Sch IV) | |
| | | | |
| Contribution payable | | Purchases of Fixed Asset : | |
| Adjustment of Advance of Prev. Year | | APFBC - DSLR | 98,500.00 |
| | | APFBC - Laptop | 58,500.00 |
| | | State - Chair | 9,545.00 |
| | | State - Computer Parts | 4,095.00 |
| | | | |
| | | Bank Charge | 828.25 |
| | | Audit Fees Paid of previous year | 79,401.00 |
| | | Unutilised amount refunded to NBA | 16,025.00 |
| | | Closing Balance : | |
| | | Cash in Hand | |
| | | Cash at Bank | 13,027,051.75 |
| TOTAL | 23,850,939.00 | TOTAL | 23,850,939.00 |



Member Secretary
Assam State Biodiversity Board

Chairman
Assam State Biodiversity Board



অসম ৰাজ্যিক জৈৱ-বৈচিত্ৰ্য পৰিষদ

অসম ৰাজ্যিক জৈৱ-বৈচিত্ৰ্য পৰিষদৰ প্ৰতীক চিহ্নটিক অসমীয়া সংস্কৃতিৰ পবিত্ৰ প্ৰতীক 'শৰাই' আকাৰত ৰূপ দিয়া হৈছে। ইয়াত এই চিহ্নটিয়ে জীৱন বৃক্ষক প্ৰক্ষেপ কৰিছে। শৰাইখনিৰ ঢাকনিখনক কুলি চৰাইৰ আকাৰত সজোৱা হৈছে যাৰ সুললিত কণ্ঠ ধ্বনিয়ে পাহাৰত প্ৰতিধ্বনিত হৈ বসন্ত আৰু বঙালী বিহু উৎসৱৰ জাননী দিয়ে। ই হ'ল আমাৰ প্ৰাণী বৈচিত্ৰ্যৰ জীৱন্ত মূৰ্ত্তি। শৰাই খনিৰ ঢাকনিত অঙ্কিত অসমৰ ধৰ্ম, সংস্কৃতি আৰু ঔষধীয় ক্ষেত্ৰত ব্যৱহৃত পাণ লতা জোপাই আমাৰ উদ্ভিদ বৈচিত্ৰ্যক প্ৰতীয়মান কৰিছে। শৰাইখনৰ মধ্যম খণ্ডৰ কাণ্ডটোক নাৰী ৰূপ দি ভূ-মাতৃৰ উৰ্বৰতা আৰু সৃজনীশীলতা বুজাবলৈ বিচৰা হৈছে। লগতে ই চৌপাশৰ জৈৱ বৈচিত্ৰ আৰু পৰিবেশৰ লগত মানুহৰ সম্পৰ্কও প্ৰকাশ কৰিছে। জন্মগুণ বৈচিত্ৰ্য বুজোৱা বংশগতি নিৰূপক পকোৱা ৰেখাদ্বয়ে জীৱন বৃক্ষৰ মূল ভেটি ৰূপাঙ্কন কৰিছে।

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The logo of Assam State Biodiversity Board resembles a 'xorai', which is a sacred symbol of Assamese culture. Here, it represents a Tree-of-Life. The lid of xorai is in the shape of a cuckoo bird, whose melodious voice echoes in the hills, heralding spring and Rongali Bihu celebrations. It is an icon of the rich faunal diversity. The 'pan' leaves, widely used for social, religious and medicinal purposes symbolize plant diversity. The stem of xorai is a female figure symbolising fertility and creativity of Mother Earth. It also exhibits people's interface with the surrounding biodiversity and environment. A strand of DNA, representing genetic-diversity forms the base for this Tree-of-Life.



Biodiversity is
life

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