

ANNUAL REPORT

MEGHALAYA

BIODIVERSITY BOARD

FOR THE YEAR
2022-2023 & 2023-2024



MEGHALAYA BIODIVERSITY BOARD
GOVERNMENT OF MEGHALAYA

(A STATUTORY BODY SET UP UNDER BIOLOGICAL DIVERSITY ACT, 2002)
Silviculture Building, Lower Lachumiere, Shillong – 793001

Website: <https://megbiodiversity.nic.in>
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FOREWORD

Meghalaya, known among botanists as the “cradle of flowering plants,” is a biodiversity-rich state and part of the Indo-Myanmar global biodiversity hotspot. Its diverse altitude, topography, soils, and climate support a wide range of forest types and high species richness. The State continues to yield new scientific discoveries, including the world’s largest subterranean fish, *Neolissochilus* pnar, discovered in 2019 and named in honour of the tribal communities of East Jaintia Hills. Many more species are likely to be discovered in the future.

While Meghalaya takes pride in its rich flora and fauna, the increasing threats from shifting cultivation, deforestation, mining, and commercial activities are cause for concern. In response to such challenges, the Biological Diversity Act, 2002, was enacted, leading to the formation of State Biodiversity Boards across India. Meghalaya notified its Biodiversity Rules in 2010 and constituted the Meghalaya Biodiversity Board in 2012.

The Board has worked to fulfil the Act’s objectives of biodiversity conservation, sustainable use of bio-resources and fair benefit-sharing. It has successfully constituted Biodiversity Management Committees (BMCs) and prepared People’s Biodiversity Registers (PBRs) based on the 2001 and 2011 Census. A key on-going challenge is to activate BMCs and upgrade their PBRs to be more participatory and reflective of community knowledge.

I express my sincere gratitude to the National Biodiversity Authority and the State Government for their continued support. I also thank the Board Members, expert committees, and the entire team of the Meghalaya Biodiversity Board for their dedication and contributions to this report.



Shri. P. Bakshi, IAS
Commissioner & Secretary
(Forest & Environment)
Cum Chairman, Meghalaya Biodiversity Board,
w.e.f. 18th August, 2023 till 17th June, 2025

PREFACE

The Annual Report of the Meghalaya Biodiversity Board (MBB) for the year 2022–2023 & 2023-2024 has been prepared in accordance with Section 33 of the Biological Diversity Act, 2002. It presents a summary of the Board's key activities and achievements in implementing the Biological Diversity Act, 2002, and the Meghalaya Biological Diversity Rules, 2010.

As of now, 6,484 Biodiversity Management Committees (BMCs) have been constituted across the State, with an equal number of People's Biodiversity Registers (PBRs) prepared. Efforts are ongoing to upgrade these PBRs, which are expected to play a vital role in the local governance of biodiversity.

I sincerely thank Shri D.P. Wahlang, IAS, Chief Secretary to the Government of Meghalaya (Former Chairman, MBB), Shri. P. Bakshi, IAS Commissioner & Secretary (Forest & Environment Cum Chairman, Meghalaya Biodiversity Board (FY 2023-2024) and (L) Shri S.M. Andaleeb Razi, IRTS (Former Chairman, MBB), for their valuable guidance and unwavering support, which have been instrumental in achieving our goals effectively.

My heartfelt gratitude goes to the National Biodiversity Authority and the Government of Meghalaya for their continuous support in enabling the Board to fulfil its functions under the Act.

I also extend my sincere appreciation to the Members of the Board and the Expert Committee members for their consistent guidance. Finally, I thank the dedicated staff of MBB for their hard work and commitment in bringing out this Annual Report.



R. Nainamalai, IFS
Member Secretary,
Meghalaya Biodiversity Board
(w.e.f. 26th August, 2020 till date)



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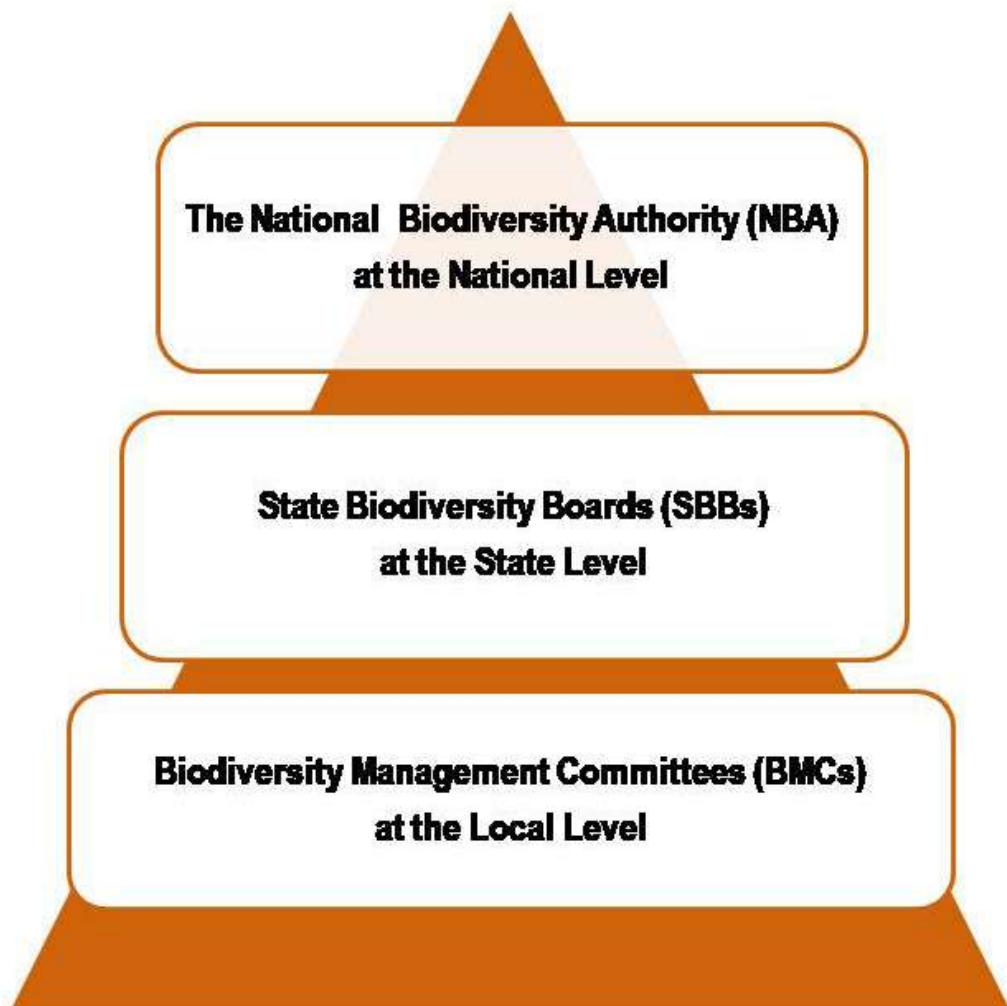
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INTRODUCTION

Biological diversity, or biodiversity, refers to the variety of life forms on Earth - including the diversity of species, genetic variation within species, and the diversity of ecosystems and their interactions. It is fundamental to the functioning of natural systems and provides essential ecological, economic, and social benefits. These include ecosystem services such as air and water purification, pollination, climate regulation, and soil fertility. Biodiversity can be assessed at multiple scales - from genetic variation within a species to the variety of ecosystems across the planet. Its loss poses serious ecological, economic, and human well-being risks. Conserving biodiversity is therefore vital for the health of the planet and for sustaining life.

Growing global concern over biodiversity loss led to the adoption of the *Convention on Biological Diversity (CBD)* in 1992, which recognizes the sovereign rights of nations over their biological resources. In response, the Government of India enacted the *Biological Diversity Act, 2002*. The Act aims to conserve biodiversity, promote sustainable use of its components, and ensure fair and equitable sharing of benefits arising from the use of biological resources and associated traditional knowledge.

Legal Framework for its Conservation: The Act is implemented through a three-tier structure:



Meghalaya, located within the Indo-Burma biodiversity hotspot, is endowed with rich flora and fauna, dense forests, ancient sacred groves, rivers and grasslands. The State is recognized for its high species diversity and endemism. Major biodiversity reserves include the Nokrek Biosphere Reserve, Nokrek and Balphakram National Parks, Nongkhlai, Narpuh and Siju Wildlife Sanctuaries, along with numerous sacred groves that are integral to the region's ecological and cultural heritage. These areas make Meghalaya a critical region for biodiversity conservation in India.

BACKGROUND

Meghalaya Biodiversity Board (MBB) is a Statutory Body setup under Biological Diversity Act, 2002 and comes under the Forest and Environment Department, Government of Meghalaya, with its Headquarter at Shillong. The Board functions as per the provisions of the Biological Diversity Act 2002, Rules 2004 and Meghalaya Biological Diversity Rules (MBDR) 2010. The Board is dedicated for conservation, sustainable utilisation of bi-resources of the State and fair and equitable sharing of benefits arising out of the use of bio-resources and its associated knowledge.



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CONSTITUTION OF THE BOARD

THE BIOLOGICAL DIVERSITY ACT, 2002

In 2002, the Parliament of India enacted the Biological Diversity Act. In line with the goals of UN-Convention on Biological Diversity (CBD), Biological Diversity Act, 2002 has three objectives:

- Conservation of biological diversity
- Sustainable use of its components
- Fair and equitable sharing of the benefits arising out of the utilization of biological resources.

The Act provides a legal framework and envisages a decentralized biodiversity management with a three-tier structure for implementation. The National Biodiversity Authority (NBA) is responsible for all matters at the National Level; the State Biodiversity Boards (SBBs) are responsible at the State Level and the Biodiversity Management Committees (BMCs) at local level. The Act recognises local communities as custodians of biological resources, as well as the traditional knowledge and practices associated with them.

THE NATIONAL BIODIVERSITY AUTHORITY (NBA)

The National Biodiversity Authority (NBA) is a statutory autonomous body under the Ministry of Environment, Forest and Climate Change, Government of India established in 2003 to implement the provisions under the Biological Diversity Act, 2002, after India signed Convention on Biological Diversity (CBD) in 1992. The NBA with its headquarters in Chennai, Tamil Nadu, India delivers its mandate through a structure that comprises of the Authority, Secretariat, SBBs, BMCs and Expert Committees.

MEGHALAYA BIODIVERSITY BOARD (MBB):

The Board was constituted by the State Government of Meghalaya vide Notification No. FOR. 57/2002/Pt/308 dated 20th March, 2012 in accordance with Section 22 of the Biological Diversity Act, which states 'each State shall establish a State Biodiversity Board'. In exercise of the power conferred by section 63 of the Biological Diversity Act, 2002, which states 'every state government shall make rules for carrying out the purposes of this Act, the Government of Meghalaya, formulated the Meghalaya Biological Diversity Rules (MBDR) 2010 vide Notification No. FOR.57/2002/244 dated 30th August, 2010.

KEY FUNCTIONS AND DUTIES OF THE BOARD:

- ❖ Advise the State Government subject to any guidelines issued by the Central Government on matters relating to conservation of biodiversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resource and knowledge.
- ❖ Regulate by granting of approvals or otherwise requests for commercial utilization or bio-survey and bio-utilization of any biological resource by Indian Nationals.
- ❖ Perform such other functions, as may be necessary to carry out the provisions of the Act or as may be prescribed by the State Government from time to time.

OFFICE OF THE BOARD:

The Headquarter of Meghalaya Biodiversity Board is situated at Silviculture Building, Lower Lachumiere, Shillong - 793001.

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COMPOSITION OF THE BOARD

The Board is headed by a Chairman in the rank of Additional Chief Secretary/Principal Secretary/Commissioner & Secretary to the Government of Meghalaya, holding the charge of Forest & Environment Department. Apart from the Chairman, the Board has five Ex-Officio Members from related Departments of the Government of Meghalaya and five Non-Official Members. The Conservator of Forest (Biodiversity & Development) functions as Member Secretary of the Board.

ORGANISATIONAL STRUCTURE OF MEGHALAYA BIODIVERSITY BOARD**Details of incumbents of the following posts (Name, Designation & tenure)**

(FY- 2022-2023)

CHAIRMAN	(L) Shri. Syed Md. A Razi, IRTS Commissioner & Secretary (Forest & Environment) w.e.f 13th October, 2021 till 18th August, 2023
MEMBER SECRETARY	(L) Shri. N Luikham, IFS Chief Conservator of Forest (I) & Member Secretary (w.e.f 26th August, 2020 onwards)

(FY- 2023-2024)

CHAIRMAN	Shri. P. Bakshi, IAS, Commissioner & Secretary (Forest & Environment) Department, to the Govt. of Meghalaya, w.e.f 18th August, 2023 till 17th June, 2025
MEMBER SECRETARY	(L) Shri. N Luikham, IFS Chief Conservator of Forest (I) & Member Secretary w.e.f 26th August, 2020 till 12th March, 2024.

Non-Official Members (Rule 6 of MBDR, 2010)

SL. NO	NAME	DESIGNATION
1	Prof. S. K. Barik	Director, CSIR- National Botanical Research Institute, Lucknow
2	Shri. K.C.Momin	Retd. Director (Soil & Water Conservation Dept.), Govt. of Meghalaya, Shillong.
3	Dr. Natalie W. Kharkongor	Former Associate Professor, IIM, Shillong.
4	Shri. Augustus Shemphang Suting	Research Officer, State Council of Science Technology & Environment (SCSTE), Meghalaya
5	Prof. Larisha M. Lyndem	Department of Zoology. Viswa-Bharati, Saniniketan, West Bengal, India.

Ex-Officio Members (Rule 9 of MBDR, 2010)

SL. NO	DESIGNATION
1	Chief Wildlife Warden, Meghalaya
2	Director, Agriculture Department, Govt. of Meghalaya
3	Director, Animal Husbandry & Veterinary Department, Govt. of Meghalaya
4	Director, Fisheries Department, Govt. of Meghalaya
5	Director, School Education, Govt. of Meghalaya
6	Director, Bio-Resources Development Centre, Meghalaya (Co-opted Member)

**GOVERNMENT OF MEGHALAYA
FORESTS & ENVIRONMENT DEPARTMENT**

ORDERS BY THE GOVERNOR

NOTIFICATION

Dated Shillong, the 27th January, 2022.

No.FOR.57/2002/Vol-II/Pt-I/18 – In exercise of powers conferred under Section 22(1) of the Biological Diversity Act 2002, the Governor of Meghalaya is pleased to re-constitute the Meghalaya Biodiversity Board for the purpose of the said Act consisting of the following members with immediate effect and until further orders:-

1) Additional Chief Secretary/Principal Secretary/ Commissioner & Secretary, Forests & Environment Department.	Chairperson.
2) Chief Conservator of Forests/Conservator of Forests in charge of Biodiversity	Secretary.
3) Non-Official Members:-	
a) Prof. S K Barik, Director, CSIR-National Botanical Research Institute, Lucknow.	With effect from 28.11.2020
b) Dr. Natalie West Kharkongor, Associate Professor, IIM, Shillong.	28.11.2020
c) Shri K. C. Momin, (Retd) Director, Soil & Water Conservation Department, Meghalaya.	28.11.2020
d) Shri Augustus Shemphang Suting, Research Officer, State Council of Science Technology & Environment (SCSTE), Meghalaya.	12.10.2020
e) Prof. Larisha M. Lyndem, Department of Zoology Visva-Bharati (A Central University) Santiniketan, West Bengal, India.	27.07.2021
4) Ex-Officio Members:-	
a) Chief Wildlife Warden, Meghalaya.	
b) Director, Agriculture Department, Govt. of Meghalaya.	
c) Director, Animal Husbandry & Veterinary Department, Govt. of Meghalaya.	
d) Director, Fisheries Department, Govt. of Meghalaya.	
e) Director, School Education, Govt. of Meghalaya.	
f) Director, Bio-Resources Development Centre, Meghalaya (Co-Opted Member).	

The Headquarters of the Meghalaya Biodiversity Board shall be at Shillong.

The functions of the State Biodiversity Board shall be to :-

- a) advise the State Government, subject to any guidelines issued by the Central Government, on matters relating to the conservation of biodiversity, sustainable use of its components and equitable sharing of benefits arising out of the utilization of biological resources;
- b) regulating by granting of approvals or otherwise requests for commercial utilization or bio-diversity and bio-utilization of any biological resource of Indians;
- c) perform such other functions as may be necessary to carry out the provisions of this Act or as may be prescribed by the State Government;
- d) prepare in such form and at such time in each financial year as may be prescribed, its Annual Report, giving a full account of its activities during the previous financial year, and submit a copy thereof to the State Government.

Sd/-

(Syed Md A Razi, IRTS)
Commissioner & Secretary to the Govt. of Meghalaya
Forests & Environment Department

DETAILS OF THE DISTRICT NODAL OFFICERS CUM TECHNICAL SUPPORT GROUP (TSG) IN ALL THE DISTRICTS OF THE STATE:

The Technical Support Group (TSG) in all Districts of the State was reconstituted in 14th February, 2022 by the Government of Meghalaya for implementation of the Biological Diversity Act, 2002.

Members of the Technical Support Group (TSG):

- i. Divisional Forest Officer having his office/ jurisdiction in the district nominated by the PCCF & HoFF- District Nodal Officer and Convener.
- ii. Director/Representative nominated by the Animal Husbandry & Veterinary Department, Govt. Of Meghalaya.
- iii. Director/Representative nominated by the Fisheries Department, Govt. of Meghalaya.
- iv. Director/Representative nominated by the Agriculture Department, Govt. of Meghalaya.
- v. Director/Representative nominated by the Community & Rural Development Department, Meghalaya.
- vi. Officer in Charge /Representative nominated by the Autonomous District Council concerned.
- vii. Officer in Charge/Representative nominated by the Meghalaya Basin Development Authority (MBDA), Govt. of Meghalaya.
- viii. Officer in Charge/Representative nominated by the Botanical Survey of India, Shillong Centre.
- ix. Officer in Charge/Representative nominated by the Zoological Survey of India, Shillong Centre.
- x. Chief Executive Officer/Representative, Shillong Cantonment Board.
- xi. Chief Executive Officer/Representative, Shillong Municipal Board.
- xii. Two (02) experts co-opted by the Member Secretary, MBB.

Duties and Functions of the Technical Support Group (TSG):

- i. The TSG shall provide technical guidance to the Biodiversity Management Committees (BMCs) in the district in the preparation/ upgradation of the Peoples Biodiversity Registers (PBRs). The TSG will also assist BMCs in maintaining, authenticating and validation of the PBR.
- ii. The TSG shall provide technical guidance to the Biodiversity Management Committees (BMCs) in the District in the preparation of the Biodiversity Management Plans for their respective areas.
- iii. The TSG shall recommend measures for ‘capacity building’ of the BMCs under their jurisdiction and offer their expertise in the training programmes.
- iv. The TSG shall recommend to the Meghalaya Biodiversity Board (MBB), potential areas rich in biodiversity/ cultural heritage for the establishment of BMCs and/or for their declaration as Biodiversity Heritage Sites (BHS).
- v. The TSG shall help the Meghalaya Biodiversity Board (MBB) in its negotiations with the individuals/community/other stake holders for the purposes of implementation of the Biological Diversity Act, 2002 and in awareness campaigns.

- vi. The District Nodal Officer shall nominate a forest staff, preferably in the rank of Forester where school teachers are not appointed/nominated, to function as Secretary to each of the BMCs/ group of BMCs constituted in the District for guiding the BMCs in account keeping and record maintenance.
- vii. The TSG shall meet as frequently as deemed fit but at least once in 6 (six) months. The Divisional Forest Officer, who is also a member of the TSG, shall convene the meetings in his capacity as the District Nodal Officer cum Convener of the TSG. The TSG is free to devise its own rules/methods for conducting business including determination of the quorum and the decision making process keeping in view the Biological Diversity Act, 2002 and applicable Rules.
- viii. The minutes of each meeting of the TSG shall be recorded and submitted to the Meghalaya Biodiversity Board (MBB), by the District Nodal Officer cum Convener of the TSG.



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GOVERNMENT OF MEGHALAYA
DEPARTMENT OF FORESTS AND ENVIRONMENT
ORDER OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF: MEGHALAYA

O.O No. 269

Dated Shillong, the _____ October 2014

In compliance to the Notification No.FOR.57/2002/Vol-I/531 dtd 29th September, 2014 issued by the Government of Meghalaya constituting Technical Support Group (TSG) in every district of Meghalaya, the following officers are hereby nominated to function as 'District Nodal Officers' cum Convenor of the Technical Support Group (TSGs).

SI No	Name of the District - TSG	District Nodal Officer cum Convenor
1.	East Khasi Hills, TSG, Shillong	DFO (EKH Wildlife Division), Shillong
2.	West Khasi Hills, TSG, Nongstoin	DFO (WKh Social Forestry Division), Nongstoin
3.	South West Khasi Hills, TSG, Mawkyrwat	DFO (EKH Social Forestry Division), Shillong
4.	East Jaintia Hills, TSG, Khliehriat	DFO (JH Social Forestry Division), Jowai
5.	West Jaintia Hills, TSG, Jowai	DFO (JH Wildlife Division), Jowai
6.	Ri-Bhoi, TSG, Nongpoh	DFO (Ri-Bhoi Social Forestry Division), Nongpoh
7.	North Garo Hills, TSG, Resubelpara	DFO (E&W GH Wildlife Division), Tura
8.	West Garo Hills, TSG, Tura	DFO (E&W GH Wildlife Division), Tura
9.	East Garo Hills, TSG, Williamnagar	DFO (EGH Social Forestry Division), Williamnagar
10.	South Garo Hills, TSG, Baghmara	DFO (BNP), Baghmara (Director)
11.	South West Garo Hills, TSG, Ampati	DFO (WGH Social Forestry Division), Tura

(S Kumar, IFS)

Principal Chief Conservator of Forests & HoFF

MEMO. No. MFG. 11/46/2012- 10524 - 62

Meghalaya: Shillong.

Dt. 12.11.2014

Copy to:

1. Principal Secretary (Forests & Environment), Govt. of Meghalaya, Shillong for kind information.
2. Principal Chief Conservator of Forests (T), Meghalaya, Shillong for kind information.
3. All Additional Principal Chief Conservator of Forests, Meghalaya Shillong for kind information
4. All Chief Conservators of Forests, Meghalaya, Shillong, for kind information.
5. All Conservators of Forests, Meghalaya Shillong for kind Information.
6. All DFO's, Meghalaya, Shillong for kind information.

Principal Chlef Conservator of Forests & HoFF
Meghalaya: Shillong

**GOVERNMENT OF MEGHALAYA
FORESTS & ENVIRONMENT DEPARTMENT**

ORDERS BY THE GOVERNOR

27/2

NOTIFICATION

Dated Shillong, the 14th February, 2022.

No.FOR.57/2002/Vol-II/Pt-I/26 – In pursuance of the decision of the Meghalaya Biodiversity Board in its meeting held on 3rd December, 2021, the Governor of Meghalaya is pleased to reconstitute the Technical Support Group (TSG) in all Districts of the State for the implementation of the Biological Diversity Act, 2002 with the following members, with immediate effect and until further orders.

Members of the Technical Support Group (TSG).

1. Divisional Forest Officer having his office/jurisdiction in the district nominated by the PCCF & HoFF – District Nodal Officer and Convener.
2. Block Development Officers/his representatives of all Districts in Meghalaya.
3. Director/Representative nominated by the Animal Husbandry & Veterinary Department, Govt. of Meghalaya.
4. Director/Representative nominated by the Fisheries Department, Govt. of Meghalaya.
5. Director/Representative nominated by the Agriculture Department, Govt. of Meghalaya.
6. Director/Representative nominated by the Community & Rural Development Department, Meghalaya.
7. Officer in Charge/Representative nominated by the Autonomous District Council concerned.
8. Officer in Charge/Representative nominated by the Meghalaya Basin Development Authority (MBDA), Govt. of Meghalaya.
9. Officer in Charge /Representative nominated by the Botanical Survey of India, Shillong, Center.
10. Officer in Charge/Representative nominated by the Zoological Survey of India, Shillong, Center.
11. Chief Executive Officer/Representative, Shillong Cantonment Board.
12. Chief Executive Officer/Representative, Shillong Municipal Board.
13. Two (02) experts co-opted by the Member Secretary, MBB.

Duties and Functions of the Technical Support Group (TSG).

1. The TSG shall provide technical guidance to the Biodiversity Management Committees (BMCs) in the district in the preparation/upgradation of the Peoples Biodiversity Registers (PBRs). The TSG will also assist BMCs in maintaining, authenticating and validation of the PBR.
2. The TSG shall provide technical guidance to the Biodiversity Management Committees (BMCs) in the District preparation of the Biodiversity Management Plans for their respective areas.
3. The TSG shall recommend measures for 'capacity building' of the BMCs under their jurisdiction and offer their expertise in the training programmes.
4. The TSG shall recommend to the Meghalaya Biodiversity Board (MBB), potential areas rich in biodiversity/cultural heritage for the



establishment of BMCs and/or for their declaration as Biodiversity Heritage Sites (BHS).

5. The TSG shall help the Meghalaya Biodiversity Board (MBB) in its negotiations with the individuals/community/other stake holders for the purposes of implementation of the Biological Diversity Act, 2002 and in awareness campaigns.
6. The District Nodal Officer shall nominate a forest staff, preferably in the rank of Forester where school teachers are not appointed/nominated, to function as Secretary to each of the BMCs/group of BMCs constituted in the District for guiding the BMCs in account keeping and record maintenance.
7. The TSG shall meet as frequently as deemed fit but at least once in 6 (six) months. The Divisional Forest Officer, who is also a member of the TSG, shall convene the meetings in his capacity as the District Nodal Officer cum Convener of the TSG. The TSG is free to devise its own rules/methods for conducting business including determination of the quorum and the decision making process keeping in view the Biological Diversity Act, 2002 and applicable Rules.
8. The minutes of each meeting of the TSG shall be recorded and submitted to the Meghalaya Biodiversity Board (MBB), by the District Nodal Officer cum Convener of the TSG.

Additional Duties and Functions of the DNOs:

The District Nodal Officers on approval of the Meghalaya Biodiversity Board shall sign Benefit Sharing Agreement for Access to Biological Resources (Grant of Approval) on behalf of the Board with Traders and Manufacturers as per the "Guidelines on Access to Biological Resources and Associated Knowledge and Benefits Sharing Regulations, 2014" in the areas under their respective jurisdiction at the field level for effective regulation of access to bio-resources for commercial purpose.

Sd/-
 (Syed Md A Razi, IRTS)
 Commissioner & Secretary to the Govt. of Meghalaya
 Forests & Environment Department

Memo. No. FOR.57/2002/Vol-II/Pt-I/26-A Dated: Shillong, the 14th February, 2022.

Copy forwarded to:-

1. The P.S. to the Hon'ble Chief Minister, Govt. of Meghalaya, for information of the Hon'ble Chief Minister.
2. The P.S. to the Hon'ble Speaker, Govt. of Meghalaya, for information of the Hon'ble Speaker.
3. The P.S. to the Hon'ble Minister i/c Forests & Environment Department, Govt. of Meghalaya, for information of the Minister.
4. The P.S. to the Hon'ble Leader of Opposition, Meghalaya Legislative Assembly, for information of the Hon'ble Leader of Opposition.
5. The P.S. to the Chief Secretary, Govt. of Meghalaya, for information of the Chief Secretary.
6. The Secretary, Govt. of India, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, Ali Ganj, New Delhi-110003.
7. The Assistant Inspector General of Forests, Govt. of India, Ministry of Environment, Forests & Climate Change Indira Paryavaran Bhawan, Jor Bagh Road, Ali Ganj, New Delhi-110003.
8. The Principal Secretary to the Govt. of Meghalaya, Planning Department.

EXPERT COMMITTEES OF THE BOARD:

Meghalaya Biodiversity Board provisionally reconstituted the following three (3) State Level Expert Committees under Rule 13 (1) of the Meghalaya Biological Diversity Rules 2010 to assist the Board for the purposes of the Biological Diversity Act and Rules vide O.o. No.11 Dated 21st February, 2022.

- I. Expert Committee on “Biodiversity Heritage Sites (BHS)”
- II. Expert Committee on “Access and Benefit Sharing (ABS)”
- III. Expert Committee on “Research Studies”



GOVERNMENT OF MEGHALAYA
MEGHALAYA BIODIVERSITY BOARD
(A STATUTORY BODY SET UP UNDER BIOLOGICAL DIVERSITY ACT, 2002)
Sylvan House, Lower Lachumiere, Shillong 793001



Syed Md. A. Razi, IRTS,
Chairman

No. O.O/11

Dated Shillong, the 21st February, 2022

OFFICE ORDER

Sub: Re-constitution of the Expert Committees of Meghalaya Biodiversity Board under Rule 13(1) of Meghalaya Biological Diversity Rules 2010.

In supersession of the earlier order constituting Expert Committees vide letter No. SBB.1/2012/BoardMeetings/1965-2001 dated 14-05-2013, No. SBB.1/2012/Board Meetings/1965-2001 dated 14-5-2013, O.O. No. 2 dated 17-11-2016 and O.O. No.3 dated 22-03-2017, the Meghalaya Biodiversity Board hereby re-constitutes the following three (3) State Level Expert Committees with immediate effect under Rule 13 (1) of the Meghalaya Biological Diversity Rules 2010 to assist the Board for the purposes of the Biological Diversity Act, 2002 and Rules.

1. Expert Committee on "Biodiversity Heritage Site (BHS)"

1. Chief Wildlife Warden or his nominee, Meghalaya, Shillong – Chairman.
2. Member Secretary, MBB/Representative nominated by Member Secretary, MBB.
3. Director/Scientist in Charge, Botanical Survey of India, Shillong.
4. Director/Scientist in Charge, Zoological Survey of India, Shillong.
5. Shri. Tambor Lyngdoh, Mawphlang Village, East Khasi Hills.
6. Dr. K. Upadhyaya, Asst. Prof. (Botany) College of Technology, NEHU.
7. Dr. K. Chaudhary, Asst. Prof. (Botany), Lady Keane College, Shillong.
8. Dr. Wympher Langstang, Asst. Prof. (Botany) St. Anthony's College.
9. Dr. Ester Jones Marbaniang, Principal, Goodwill College, Laitumkhrah.
10. Two (02) experts co-opted by the Member Secretary, MBB.
11. Two (02) District Nodal Officers co-opted by the Member Secretary, MBB.

Terms of reference:

1. The BHS Committee shall look into the matters concerning BHS and OECM (Other effective area-based conservation measures) in Meghalaya.
2. The BHS Committee shall propose sites for BHS and OECM in Meghalaya.
3. The BHS Committee shall guide and assist the Board in conducting survey and documentation (flora and fauna) of the proposed BHS sites.
4. Assist the BMCs/BHS Monitoring Committees in utilizing the BHS fund for conservation and sustainable use of bio-resources.
5. The Committee will meet as per requirement of the Board.
6. Look into any other related issue as directed by the Board.

2. Expert Committee on "Access and Benefit Sharing (ABS)"

1. Shri. Pynbiang Singh Nongbri, IFS (Retd.), CCF, Meghalaya – Chairman.
2. Member Secretary, MBB/Representative nominated by Member Secretary, MBB
3. Prof. D. Syiem, Biochemistry Department, NEHU.
4. Prof. H. Kayang, Botany Department, NEHU.
5. Director/Representative, North East Slow Food & Agro-biodiversity Society (NESFAS), Shillong.
6. Manager, Meghalaya Small Farmers Agri-Business Consortium, Directorate of Agriculture Building, Cleve Colony, Shillong.
7. Advisor (Law) nominated by Advocate General, Govt. of Meghalaya.
8. Chief Operating Officer/Representative, Meghalaya State Rural Livelihoods Society, Dhankheti, Shillong.
9. Dr. S. G. Christopher, Assistant Director (Piggery), A.H & Veterinary Department, Shillong.
10. Two (02) experts co-opted by the Member Secretary, MBB.
11. Two (02) District Nodal Officers co-opted by the Member Secretary, MBB.

Terms of reference:

1. The ABS Committee shall look into the matters concerning ABS and its implementation in Meghalaya.
2. Assist the Board in conducting Workshops and Awareness Campaigns for ABS awareness and its implementation.
3. Guide and assist the BMCs in utilizing the ABS monetary and non-monetary benefits for conservation and sustainable use of bio-resources.
4. Assist the Board in identifying the “Chain of Custody” of biological resources that attracts the provisions of the Biological Diversity Act, 2002.
5. The Committee will meet as per requirement of the Board.
6. Guide and assist the Board on legal matters related to implementation of ABS.
7. Look into any other related issue as directed by the Board.

(73)

○ Expert Committee on "Research Studies"

1. Prof. S.K. Barik, Director, CSIR-National Botanical Research Institute, Lucknow – Chairman.
2. Member Secretary, MBB/Representative nominated by Member Secretary, MBB.
3. Prof. Natalie West Kharkongor, Associate Prof., IIM, Shillong.
4. Dr. C. S. Rao, Dept. of Botany, St. Anthony's college, Shillong.
5. Prof. (Retd.) B.K. Tiwari, NEHU.
6. Dr. K. Upadhyaya, Asst. Prof., College of Technology, NEHU.
7. Dr. Vincent T. Darlong, Zoologist, Director Centre for sustainable Development Studies, Martin Luther Christian University, Shillong

Terms of reference:

1. The Committee on "Research Studies" shall evaluate the project reports of the Project Assistants of the Board and the external projects sponsored by the Board.
2. Assist the Board in selection of topics on the proposed research studies to be taken up by the Board.
3. The Committee will meet as per requirement of the Board.
4. Look into any other related issue as directed by the Board.

(Syed Md. A. Razi, IRTS)

Commissioner & Secretary to the Govt. of Meghalaya
Forests & Environment Department &
Chairman, Meghalaya Biodiversity Board, Shillong

No.SBB.1/Board Meetings/Pt-II/2020/7435-7471 Dated Shillong, the 21st February, 2022

1. The Chief Secretary, Government of Meghalaya, Shillong for information.
2. The PCCF & HoFF, Meghalaya, Shillong for information.
3. The Principal Secretary/Commissioner & Secretary to Govt. of Meghalaya, Department of Agriculture/Law/Horticulture/Fishery/Planning (for MBDA)/Vety & AH/ C& RD for information and to facilitate the nominations concerned.
4. The Secretary, National Biodiversity Authority, Chennai for information.
5. The Secretary, Meghalaya Biodiversity Board, Shillong for info. & necessary action.
6. The Joint Secretary Forests & Environment Department for information
7. All expert committee members for information & necessary action.
8. Files of MBB concerned.

(Syed Md. A. Razi, IRTS)

Commissioner & Secretary to the Govt. of Meghalaya
Forests & Environment Department &
Chairman, Meghalaya Biodiversity Board, Shillong

4**MEETINGS OF MEGHALAYA BIODIVERSITY BOARD**

Three Board meetings were held during the year 2022-2023:

1. The 19th meeting of the Board was held on 26th May, 2022 at the Conference Room O/o PCCF & HoFF, Sylvan House, Lower Lachumiere, Shillong.



(19th meeting of Meghalaya Biodiversity Board)

2. The 20th meeting of Meghalaya Biodiversity Board (MBB) was held on 21st October, 2022 at the Conference Room O/o PCCF & HoFF, Sylvan House, Lower Lachumiere, Shillong.



(20th meeting of Meghalaya Biodiversity Board)

3. The 21st meeting of Meghalaya Biodiversity Board (MBB) was held on 16th February, 2023 at the Conference Room O/o PCCF & HoFF, Sylvan House, Lower Lachumiere, Shillong.



(21st Meeting of Meghalaya Biodiversity Board)

Board meetings during the year 2023–2024, were held to review financial performance, monitor project progress, update policies, and plan future initiatives. All meetings were conducted with the required quorum, and minutes were duly recorded as per statutory requirements.

1. The 23rd meeting of Meghalaya Biodiversity Board (MBB) held on 25th October, 2023 at the Main Conference Room, Secretariat, Shillong



(23rd Meeting of Meghalaya Biodiversity Board)

Meeting of the Project Advisory Committee (PAC): Meeting of the Project Advisory Committee (PAC) of MBB for Developing of Biodiversity Park was held on 29th July, 2022 at the Conference Room O/o PCCF & HoFF, Sylvan House, Shillong.



(Meeting of the Project Advisory Committee (PAC)

5

BIODIVERSITY MANAGEMENT COMMITTEE (BMC)

INTRODUCTION:

Under Section 41 of the Biological Diversity Act, 2002 and Rule 23 of the Meghalaya Biological Diversity Rules, 2010, every local body are mandated to form a Biodiversity Management Committee (BMC). The BMC is responsible for conserving biodiversity, promoting sustainable use of bio resources, ensuring equitable benefit sharing, and documenting local biodiversity, including habitats, landraces, local varieties, and traditional knowledge.

BMC plays a vital role in decision-making on matters related to biological resources besides the National Biodiversity Authority and State Biodiversity Boards. They are also empowered to collect fees from individuals or organizations accessing biological resources for commercial purposes within their jurisdiction.

As per Rule 22 of the Biological Diversity Rules, 2004, the BMCs shall consists of a chairperson and not more than six persons nominated by the local body of whom not less than one third should be women and not less than 18% should belong to the Schedule Castes/Schedule Tribes. The Chairperson of the BMC shall be elected from amongst the members of the committee in a meeting to be chaired by the headman of the local body.

Functions of Biodiversity Management Committees (BMCs):

- 1. Prepare and Maintain PBRs:** BMCs are responsible for preparing, updating, and validating People's Biodiversity Registers (PBRs) in consultation with local communities. These registers record access to biological resources, traditional knowledge, fees collected, and benefit-sharing details.
- 2. Advisory Role:** BMCs provide advice on matters referred by the State or National Biodiversity Authorities and maintain data on local traditional healers (Vaidas, Hakims, and others) who use biological resources.
- 3. Manage Local Biodiversity Funds:** As per Section 43 of the Biological Diversity Act, 2002 and Rule 24 of the Meghalaya Biological Diversity Rules, 2010 BMCs are to manage local biodiversity funds for conservation, sustainable use, and socio-economic development.



CONSTITUTION OF BMCs

Till 31st March, 2023, 6484 Biodiversity Management Committees (BMCs) has been constituted in the State at the village and urban local bodies. The cumulative tally of BMCs was 6484. The number of BMCs formed in all the Districts of Meghalaya is tabulated below:

District	Number of BMCs constituted till 31/03/2022	Total number of BMCs constituted during the year 2022-2023	Total number of BMCs till 31/03/2023
East Khasi Hills	874	4	878
South West Khasi Hills	316	-	316
West Khasi Hills	873	2	875
Ri-Bhoi	612	4	616
East Jaintia Hills	164	-	164
North Garo Hills	522	-	522
West Jaintia Hills	293	-	293
East Garo Hills	503	-	503
South West Garo Hills	474	1	475
South Garo Hills	704	-	704
West Garo Hills	1129	-	1129
Municipal Board	09	-	09
Total	6473	11	6484

RELEASE OF START-UP FUNDS TO THE BMCs

Meghalaya Biodiversity Board released Start-up funds for 18 BMC as detailed below:

Sl No	Name of BMC	Block	District	Amount (₹)
1	MawlaiKyntonMassar BMC	Mawlai	East Khasi Hills	60,000
2	Saron BMC	Saipung	East Jaintia Hills	60,000
3	Tuituk BMC	Saipung	East Jaintia Hills	60,000
4	Lura BMC	Saipung	East Jaintia Hills	60,000
5	Thuruk BMC	Saipung	East Jaintia Hills	60,000
6	Tlangpui BMC	Saipung	East Jaintia Hills	60,000
7	Tuidan BMC	Saipung	East Jaintia Hills	60,000
8	Nohron BMC	Mawkynrew	East Khasi Hills	60,000
9	Tura Municipality BMC	Urban Local Bodies	West Garo Hills	60,000
10	Resubelpara Municipal Board BMC		North Garo Hills	60,000
11	Jowai Municipal Board BMC		West Jaintia Hills	60,000
12	Shillong Municipal Board BMC		East Khasi Hills	60,000
13	Shillong Cantonment Board BMC		Est Khasi Hills	60,000
14	Williamnagar Municipal Board BMC		East Garo Hills	60,000
15	Baghmara Municipal Board BMC		South Garo Hills	60,000
16	Nongpoh Town Committee BMC		RiBhoi District	60,000
17	Nongstoin Town Committee BMC		West Khasi Hills	60,000
18	Umtngam BMC	Umsning	Ri-Bhoi District	60,000

NOTIFICATION OF HEAD TEACHERS AS EX-OFFICIO SECRETARIES:

Government of Meghalaya notified Head Teachers of various Government Schools in the four Districts of the State as Ex-officio Secretary to the respective Biodiversity Management Committees (BMCs) in the State vide Notification No.FOR.75/2019/Pt/99 dated 16thSeptember, 2022 for implementation of the Biological Diversity Act, 2002 with immediate effect and until further orders.



GOVERNMENT OF MEGHALAYA
FORESTS & ENVIRONMENT DEPARTMENT

ORDERS BY THE GOVERNOR

NOTIFICATION

Dated Shillong, the 16th September, 2022.

NO.FOR.75/2019/Pt/99 - In pursuance to the decision of the Meghalaya Biodiversity Board in its meeting held on 26th May, 2022 and in consultation with the Education Department, the Government of Meghalaya is pleased to notify Head Teachers of various Government Schools in the 4 (Four) Districts of the State as 'Ex-officio Secretary' to the respective Biodiversity Management Committees (BMCs) enclosed as per Schedule I,II, III & IV, constituted in the State of Meghalaya for implementation of the Biological Diversity Act, 2002 with immediate effect and until further orders.

Duties and Functions of the Ex-officio Secretary:

1. The Local Biodiversity Fund of every BMC is to be jointly operated by the Chairperson and the Ex-officio Secretary.
2. Cheques may be signed by the Chairperson and the Ex-officio Secretary of the BMC.
3. The Ex-officio Secretary of the BMC will maintain the accounts of the BMC.
4. The Ex-officio Secretary of the BMC shall assist the BMC in maintaining the cash book, ledger and all other relevant work pertaining to accounts for all financial assistance received from Central & State Government as well.
5. All records of cash/bank transaction are to be recorded in the cash Book by the Ex-officio Secretary of the BMC concerned.
6. The Ex-officio Secretary of the BMC is responsible for maintenance and upkeep of accounts in the prescribed manner.

Sd/-
 (Syed Md A Razi, IRTS)
 Commissioner & Secretary to the Govt. of Meghalaya,
 Forests & Environment Department

MAJOR ACHIEVEMENTS OF BMCS:

STATE LEVEL BIODIVERSITY AWARD 2022:

The Board organised State Level Biodiversity Award 2022 during the International Day for Biological Diversity celebration. The winners of the awards are mentioned below:

I. Conservation and Sustainable use of Bio-resources: Aruakgre BMC was awarded for conservation of Aruakgre Fish & Turtle sanctuary located at Dirik River of North Garo Hills, Bajengdoba Block under this category for protecting and conserving the natural habitat for Mahseer variety of fish species and turtles by not allowing fishing activities in that area.



(Aruakgre Fish & Turtle Sanctuary)

II. Best Biodiversity Management Committee: Mawlai Kynton Massar BMC of East Khasi Hills District won the State Level Biodiversity Award 2022 under the category 'Best Biodiversity Management Committee' for rejuvenating the Umsohlang Stream. Their efforts hasincreased the volume storage of the Stream and improving the quality and quantity of water for supply to the different localities of Mawlai.



(Mawlai Kynton Massar BMC receiving the award on the occasion of International Day for Biological Diversity celebration)



(BMC Members rejuvenating the Umsohlang Stream falling under Mawlai Kynton Masar BMC)



(BMC Members releasing fingerlings at the Umsohlang Stream, Mawlai Kynton Masar)



(Meghalaya Hon'ble Chief Minister Shri. Conrad K Sangma took part in the cleaning drive of Umsohlang stream on 7th May, 2022 conducted by Mawlai KyntonMassar BMC)

STATE LEVEL BIODIVERSITY AWARD 2023:

The Board organised State Level Biodiversity Award 2023: The Biodiversity Award was awarded to the following BMCs and Individuals:

I. Best Biodiversity Management Committee: Umtngam BMC of Ri-Bhoi District won the State Level Biodiversity Award 2023 under the category 'Best Biodiversity Management Committee' for undertaken several initiatives, including afforestation under MGNREGS and strict measures against forest encroachment. Special focus has been given to the conservation of the Hoolock Gibbon, which is on the verge of extinction. In recognition of its outstanding efforts, Umtngam was honored with the Best BMC Award. The Dorbar Shnong and the BMC also organized the first Hoolock Gibbon & Environment Festival in November 2023 to raise awareness and inspire neighboring villages in conservation efforts.



II. Appreciation For Recognizing And Understanding The Importance Of Biodiversity Conservation And Protection:

Shri Daphring Songthiang of Khwad Village BMC, Mawkyneaw Block, was honored with this award for his exemplary act of surrendering his licensed gun, which he had previously used for hunting, as a commitment to wildlife conservation.



6

PEOPLE'S BIODIVERSITY REGISTER

INTRODUCTION:

The People's Biodiversity Register (PBR) is a register containing comprehensive information on the available biological resources (flora and fauna), their medicinal uses and Traditional Knowledge associated with them as mandated by the Biological Diversity Act, 2002. Through a collaborative effort involving the Biodiversity Management Committees (BMCs), Local Communities and Technical Support Groups, the PBRs are prepared to serve as a vital tool for conservation and determining access and benefit sharing. By systematically documenting the availability and uses of local biological resources, PBRs empower communities to take charge of their natural heritage, fostering sustainable management and conservation practices. PBR play a pivotal role in preserving biodiversity for future generations and advancing sustainable development by valuing and recognizing the importance of community knowledge. This approach not only protects the environment but also ensure that the benefits derived from biological resources are shared equitably, supporting the well-being of local communities.

The People's Biodiversity Register preparation involves community-driven steps like free listing, where local community document biological resources (Flora and Fauna); Participatory Rural Appraisal (PRA) mapping, which creates map highlighting resource locations; and transect walks, where community members observe and record resources in different ecological zones. These steps help document local biodiversity, identify conservation areas, and inform sustainable resource management practices.

The custodians of the PBR are the respective BMC, and hence permission from the concerned BMC as well the Board will be required to access it. Meghalaya Biodiversity Board is actively assisting the BMCs in the up-gradation of their respective PBRs. The upgraded PBR will then be scrutinized and validated by the State Level People's Biodiversity Register (PBR) Quality Evaluation Monitoring Committee that have been constituted and duly notified by the State Government vide Notification No. FOR/CC/10/2016/Pt/212 dated 17th November, 2020 consisting of seven members before handing them over to the respective BMCs.

The total number of BMC constituted by Meghalaya Biodiversity Board till date is 6484 and subsequently prepared their respective PBRs. However, these PBRs require up-gradation to ensure an accurate and effective documentation of the available resources.

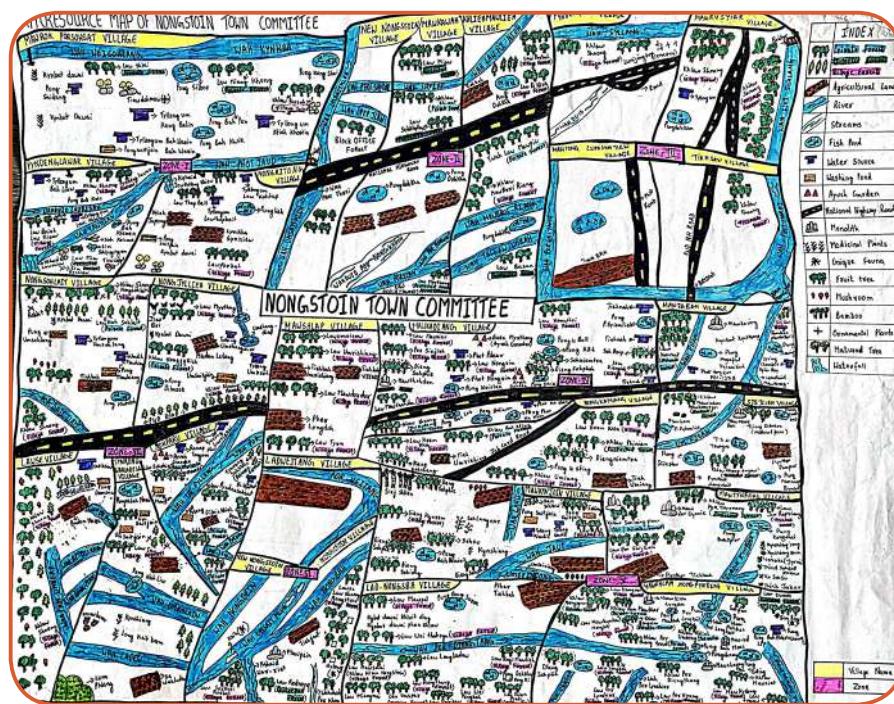


DOCUMENTATION OF TRADITIONAL KNOWLEDGE (TK) IN THE PBR:

Traditional Knowledge (TK) of communities represents the collective wealth of their cultural heritage and experience being passed in the most cases from one generation to the next, thereby constituting their Intellectual Property. Such knowledge is held collectively by each community, access to which is usually governed by customary laws. The role of TK extends to agricultural systems, healthcare practices, use of medicinal plants, veterinary practices and religious beliefs. The documentation of this knowledge of individuals with regard to biodiversity and its uses is an important part of the PBR.

With the support of these technical experts, the Meghalaya Biodiversity Board is actively assisting BMCs in the preparation of their PBRs. As of 31st March 2023, MBB has completed the preparation of 6,484 PBRs, developed 2,182 electronic PBRs (e-PBRs) and updated 420 existing PBRs.

BMC MEMBERS ENGAGED IN PRA MAPPING (RESOURCE MAPPING) AND FREE LISTING EXERCISE AS PART OF THE PBR DOCUMENTATION.



PBR QUALITY EVALUATION AND MONITORING:

The State-Level PBR Quality Evaluation Monitoring Committee played a crucial role in ensuring the quality and accuracy of People's Biodiversity Registers (PBRs) across the state that has been upgraded so far. Through its oversight and guidance, the committee evaluates the comprehensiveness and adherence to standards of PBRs as per the prescribed Format given by National Biodiversity Authority (NBA). The committee also focuses on identifying areas for improvement and suggesting measures to enhance PBR documentation, ultimately contributing to the protection/preservation of the available bio resources and the well-being of local communities. Key activities undertaken by the committee during the year (2023-2024) include:

- Evaluating the comprehensiveness and adherence to standards for few PBRs.
- Providing technical support and guidance to the Board in the preparation of the PBRs.
- Identifying best practices in PBR documentation and thereby its replication for the other PBRs.

MEETINGS OF THE STATE-LEVEL PBR QUALITY EVALUATION MONITORING COMMITTEE (2022-2023):

The Committee conducted three meetings during the year 2022-2023 (20th April, 2022, 16th August, 2022 and 22nd February, 2023). The details of the meetings are noted below:

1. **Fourth meeting:** The fourth meeting of the Committee was held on 20th April, 2022 at the MBB office in Shillong, with virtual participation from Garo Hills. The meeting focused on strengthening PBR documentation across Meghalaya through enhanced financial and technical support.



(Meeting of the State-Level PBR Quality Evaluation Monitoring Committee)



(Meeting of the State-Level PBR Quality Evaluation Monitoring Committee)

office in Shillong, with virtual participation from members in Garo Hills.

3. **Sixth meeting:** The sixth meeting of the Committee on February 22nd, 2023, resulted in key discussions and decisions regarding the evaluation of PBRs and a training manual prepared by NESFAS.

MEETING OF THE STATE LEVEL PEOPLE'S BIODIVERSITY REGISTER (PBR) QUALITY EVALUATION MONITORING COMMITTEE HELD DURING 2023-2024:

Seventh Meetings: The meeting was conducted on June 21st, 2023 to assess progress, address challenges, and make informed decisions to improve PBR quality.

Impact/Outcome: The committee have contributed to reviewing and refining 6 (six) draft PBRs, namely, Umtngam, Chyrmang Nein, Lyting Lyngdoh, Umjarain, Damal Akkonggre, and Tarasin. These PBRs had been prepared and upgraded by the Field Project Associate (FPA). Through the scrutiny process, the committee provided valuable comments and suggestions, to enhance the overall quality and accuracy of the PBRs and ensuring they met the requisite standards for effective biodiversity documentation and management.



(Meeting of the State Level People's Biodiversity Register (PBR) Monitoring Committee)

7

ACCESS AND BENEFIT SHARING (ABS)

NOTICE FOR IMPLEMENTATION OF ACCESS AND BENEFIT SHARING (ABS) IN MEGHALAYA:

In compliance with the provisions of the *Biological Diversity Act, 2002* and the *Biological Diversity Rules, 2004*, MBB published a public notice in the *Meghalaya Guardian* dated October 28, 2022, regarding the implementation of Access and Benefit Sharing (ABS) mechanisms in the State.

All commercial users involved in the utilization of biological resources from Meghalaya are hereby requested to **submit a formal intimation to the Board** using the prescribed **Form-I and Form-A**, along with an **application fee of ₹5,000** (subject to revision from time to time). The submission must be made **within three months** from the date of issuance of this notice.

GOVERNMENT OF MEGHALAYA
MEGHALAYA BIODIVERSITY BOARD
(A STATUTORY BODY SET UP UNDER BIOLOGICAL DIVERSITY ACT, 2002)
Silviculture Building, Lower Lachumiere, Shillong – 793001

NOTICE

The Biological Diversity Act has come into force in India in 2002. The main objectives of the Act are – 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 knowledge.

As per section 7 of the Act, read with rule 17 of the Meghalaya Biological Diversity Rules, 2010, accessing bio-resources and associated traditional knowledge of the State of Meghalaya for commercial utilization requires prior intimation to the Meghalaya Biodiversity Board. Section 55 (2) of the Act further provides that whoever contravenes or attempts to contravene or abets the contravention of the provisions of Section 7 or any order made under section 24 (2) shall be punishable with imprisonment of a term which may extend to three years, or with fine which may extend to five lakh rupees, or with both.

Therefore, in compliance to the Biological Diversity Act, 2002 & Rules, 2004 commercial users involved in utilization of bio-resources in Meghalaya are requested to intimation the Board in specified format (Form-I & Form - A) along with application fee of Rs. 5000/- or as revised from time to time within three months of issuance of this notice. Please visit – <http://megbiodiversity.nic.in>, <http://biodiversityindia.org> for further information or clarification, if any.

Sd/-

Member Secretary
 Meghalaya Biodiversity Board

MIPR No.1218
 Dt 27/10/22

8

PUBLICATIONS OF THE BOARD

During the Financial Year 2022-23 Meghalaya Biodiversity Board published three posters:

- 1) 'Hydrophytes of Khasi and Jaintia Hills of Meghalaya'
- 2) 'Wild Hedychium Species of Khasi and Jaintia Hills' and
- 3) 'A well-known Medicinal Plant in Meghalaya *Clerodendrum colebrookianum*'

HYDROPHYTES OF KHASI AND JAINTIA HILLS OF MEGHALAYA



Scientific Name: *Spirodela polyrhiza*
Common Name: Duck weed
Family: Lemnaceae



Scientific Name: *Salvinia natans*
Common Name: Floating fern
Family: Salviniaceae



Scientific Name: *Potamogeton nodosus*
Common Name: Longleaf pondweed
Family: Potamogetonaceae



MEGHALAYA BIODIVERSITY BOARD
SERIES - 47

Published by Meghalaya Biodiversity Board, Silviculture Building, Lower Lachumiere, Shillong-793001.



Photos & Concept: Mr. Basajingkmen Nongtynrh (Project Assistant, MBB), Design: Phindarisha Papang (DTP Operator cum Web Publisher, MBB)

WILD HEDYCHIUM SPECIES (FAMILY: ZINGIBERACEAE) OF KHASI AND JAINTIA HILLS



Scientific Name: *Hedychium greenii*
Common Name: Red Butterfly Ginger



Scientific Name: *Hedychium chrysanthemum*
Common Name: Yellow Spot



Scientific Name: *Hedychium spicatum*
Common Name: Spiked Ginger Lily



Scientific Name: *Hedychium angustifolium*
Common Name: Narrow Leaf Ginger



Scientific Name: *Hedychium coccineum*
Common Name: Scarlet Ginger Lily



Scientific Name: *Hedychium ellipticum*
Common Name: Rock Butterfly Lily



MEGHALAYA BIODIVERSITY BOARD
SERIES - 46
Published by Meghalaya Biodiversity Board, Silviculture Building, Lower Lachumiere, Shillong-793001.

Photos & Concept: Dr. Aupelia B. Syliem (Project Assistant, MBB) Design: Phindarisha Papang (DTP Operator cum Web Publisher, MBB)



A WELL KNOWN MEDICINAL PLANT IN MEGHALAYA



Botanical name: *Clerodendrum colebrookianum* Walp.

Common name: East Indian Glory Bower

Local name: Dongam (Garo), Dieng Jarem Kynthei (Khasi)

Family: Lamiaceae

Habit: Perennial shrub or tree, reaches up to 1.5 to 3 metres in height.

Distribution: It is widely distributed in tropical and sub-tropical forest areas; confined to North-East India.

Description: It is one of the most well known among 400 species of *Clerodendrum* and it is widely used in traditional medicinal practices. Flowers white, leaves are simple opposite or rarely whorled. Fruits dark green when matured and become a navy blue when fully ripen.

Chemical constituents: Saponin, flavonoids, alkaloids, tannin, glycosides, reducing sugar, fatty acids, ester, glycerine.

Traditional practices: It is commonly used for treating rheumatic pains by the Khasis, Jaintias and the Garos.

Parts used:

- 1) Roots and bark are helpful in cough, scrofulous affections and asthma.
- 2) The juice of the leaves is used to destroy intestinal helminthic worms and to cure skin diseases and hypertension.
- 3) The smell of wood relieves children from many diseases.
- 4) Boiled leaves are consumed to maintain blood pressure.



MEGHALAYA BIODIVERSITY BOARD
SERIES - 45

Published by Meghalaya Biodiversity Board, Silviculture Building, Lower Lachumiere, Shillong-793001.



Photos & Concept by: Sanggra Ch. Momin (Project Assistant, MBB) Design by: Khrawjingmut Kharimalki (DTP Operator, MBB)

During the Financial Year 2023-2024, Meghalaya Biodiversity Board Published three Posters, Annual Report and two pamphlets:

POSTERS:

- 1) Grass Species of Economic Value in Meghalaya
- 2) Some of the New Vertebrate Faunal Species Described from Meghalaya During 2020-2023
- 3) Wild edible Fruits of Khasi and Jaintia Hills

GRASS SPECIES OF ECONOMIC VALUE IN MEGHALAYA



©B.Puwein

Scientific Name: *Cymbopogon citratus* (DC.) Stapf
Family: Poaceae
Common name: Lemon grass
Local Name: Bat Lemon grass (Khasi)



©B.Mawlong

Scientific Name: *Thysanolaena maxima* Kuntze
Family: Poaceae
Common name: Broom stick
Local Name: Suro (Jaintia), Synsar (Khasi)



©E.Kharyndon

Scientific Name: *Dendrocalamus hookeri* Munro
Family: Poaceae
Common name: Bhutan Green Bamboo
Local Name: Siejlong (Khasi)



©N.Marwein

Scientific Name: *Cymbopogon winterianus* Jowitt ex Bor
Family: Poaceae
Common name: Citronella grass
Local Name: Bat Citronella (Khasi)



©B.Puwein

Scientific Name: *Eleusine coracana* (L.) Gaertn.
Family: Poaceae
Common name: Finger millet
Local Name: Krai (Khasi), Kre (Jaintia)



©B.Puwein

Scientific Name: *Bambusa jaintiana* R.B.Majumdar
Family: Poaceae
Common name: Bamboo
Local Name: Siej shken (Jaintia)



MEGHALAYA BIODIVERSITY BOARD
 SERIES - 48

Published by Meghalaya Biodiversity Board, Silviculture Building, Lower Lachumiere, Shillong-793001.

Photos & Concept: Mr. Banlungeng Puwein (Project Assistant, MBB) & Ms. Barisha Mawlong, (Former Project Assistant, MBB)
 Design: Ms. Phinderisha Papang (DTP Operator cum Web Publisher, MBB)



SOME OF THE NEW VERTEBRATE FAUNAL SPECIES DESCRIBED FROM MEGHALAYA DURING 2020-23



Scientific Name: *Channa aristonei*
Location: Puriang, East Khasi Hills, Meghalaya
Publication: Jayasimhan Praveenraj, Tejas Thackeray, Sadokpam Gojendro Singh, Arumugam Uma, N. Moulitharan, and Bankit K. Mukhim. 2020. A New Species of Snakehead (Teleostei: Channidae) from East Khasi Hills, Meghalaya, Northeastern India. *Copeia*. 108(4): 938-947.
DOI: 10.1643/C12020007.
Photograph by: J. Praveenraj, ICAR, Port Blair



Scientific Name: *Neolissochilus pnar*
Location: Collected from Jaintia Hills
Publication: Neelesh Dahanukar, Remya L. Sundar, Duwaki Rangad, Graham Proudlive and Rajeev Raghavan. 2023. The World's Largest Cave Fish from Meghalaya, Northeast India, is A New Species, *Neolissochilus pnar* (Cyprinidae, Torinae). *Vertebrate Zoology*. 73: 141-152.
DOI: 10.3897/vz.73.e101011.
Photograph by: Uros Aksamovic



Scientific Name: *Glischropus meghalayanus*
Location: Nongkhyllam Wildlife Sanctuary, Ri-Bhoi District
Publication: Uttam Saikia, Manuel Ruedi and Gabor Csorba. 2022. Out of Southeast Asia: A New Species of Thick-thumbed Bat (Chiroptera: Vespertilionidae: *Glischropus*) from Meghalaya, Northeastern India. *Zootaxa*. 5154(3): 355-364.
DOI: 10.11646/zootaxa.5154.3.8.
Photograph by: Uttam Saikia, ZSI, Shillong



Scientific Name: *Amolops siju*
Location: Siju Cave, South Garo Hills, Meghalaya
Publication: Saikia, B., Sinha, B., Shabnam, A. and Dinesh, K. P. (2023). Description of a new species of *Amolops* Cope (Anura: Ranidae) from a cave ecosystem in Meghalaya, Northeast India. *Journal of Animal Diversity*, 5(1): 36-54.
<http://dx.doi.org/10.52547/JAD.2023.5.1.2>.
Photograph by: Bhaskar Saikia, ZSI, Shillong



MEGHALAYA BIODIVERSITY BOARD
SERIES - 50

Published by Meghalaya Biodiversity Board, Silviculture Building, Lower Lachumiere, Shillong - 793001

Design: Khrawjingmut Kharmani, Senior DTP Operator, MBB



WILD EDIBLE FRUITS OF KHASI AND JAINTIA HILLS



Viburnum foetidum Wall.
Family: Viburnaceae
Common name: Wild berries
Local Name: Sohlang (K, J)



Myrica nigra Thunb.
Family: Myricaceae
Common name: Bay berry
Local Name: Sohlia (K), Saphai sli (J)



Rubus ellipticus Sm.
Family: Rosaceae
Common name: Himalayan
raspberry (Ainselu)
Local Name: Sohparu (K)



Antidesma bunius (L.) Spreng.
Family: Phyllanthaceae
Common name: Wild cherry
Local Name: Sohsyllci (K)



Artocarpus lacucha Buch.-Ham.
Family: Moraceae
Common name: Monkey fruit
Local Name: Sohmyntail / Sohram (K)



Elaeocarpus serratus L.
Family: Elaeocarpaceae
Common name: Ceylon olive
Local Name: Sohkhylam (K)



Prunus jenkinsii Hook.f. & Thomson
Family: Rosaceae
Common name: Wild black berry
Local Name: Sohlong khlaw (K), Saiong (J)



Rhus chinensis Mill.
Family: Anacardiaceae
Common name: Nutgall tree
Local Name: Sohma (K), Sa-ma (J)

(K: Khasi, J: Jaintia)

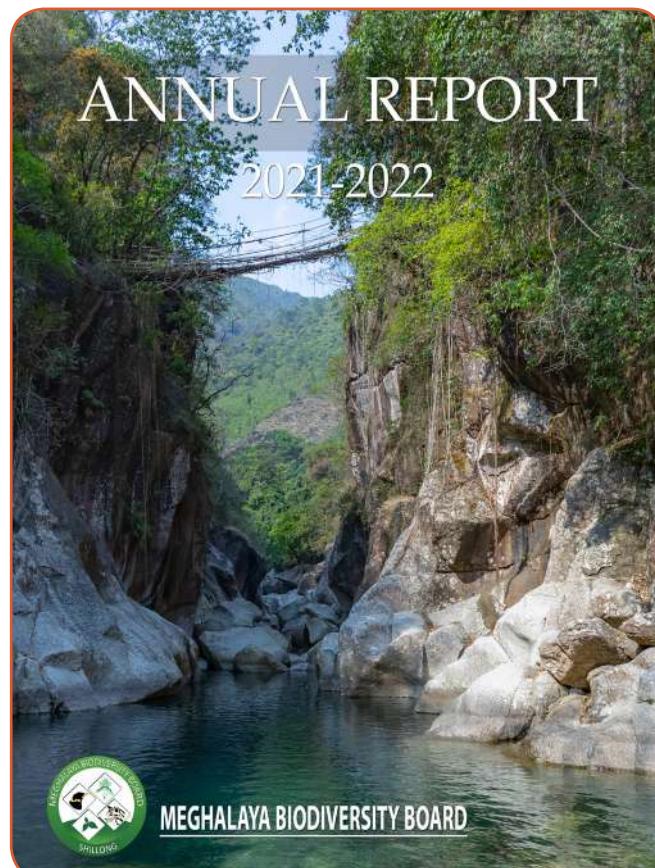
MEGHALAYA BIODIVERSITY BOARD
SERIES - 49

Published by Meghalaya Biodiversity Board, Silviculture Building, Lower Lachumiere, Shillong-793001.



Photos & Concept: Mr. Bantumlang Puwein (Project Assistant, MBB); Design: Ms. Phinderisha Papang (DTP Operator cum Web Publisher, MBB)

ANNUAL REPORT:



PAMPHLETS ON BHS (KHASI & GARO VERSION):

Brief write-up on Biodiversity Heritage Site (BHS) in Meghalaya Umkon village of Ri-Bhoi District (Khaw Kur Syiem KmieIng)

KHASI VERSION:









**Biodiversity Heritage Site (BHS) in Meghalaya
Umkon Village of Ri-Bhoi District
(Khaw Kur Syiem KmieIng)
Khasi Language**

Published by Meghalaya Biodiversity Board
Silviculture Building, Lower Lachumiere,
Shillong-793001

Ka Jingpynba ta ka khaw kyrapang Biodiversity Heritage Site (BHS) ba nyngkong ha Meghalaya:

Ka Khaw Kur Syiem KmieIng la pynba da ka Sorkar Meghalaya mynta kum ka khaw kyrapang Biodiversity Heritage Site (BHS) ha ka 13 tarik u Nobprah 2018. Kane ka don ha shnong Umkon, Umling Block, Ri-Bhoi District. Kane ka dei ka khaw kyrapang biodiversity ba nyngkong kaba heh haduh 16.05 hectare.

Ki khaw kyrapang Biological Diversity Heritage Site ki dei ki ei?

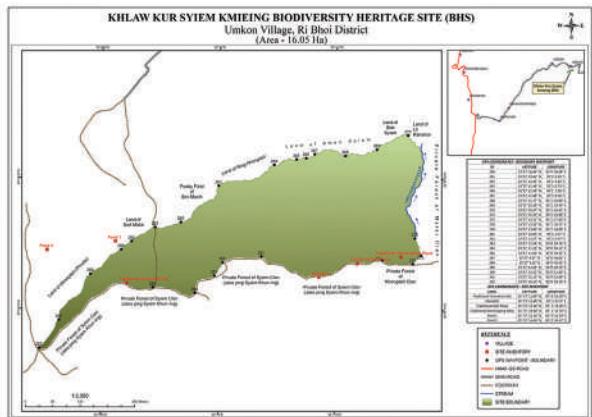
Ki khaw kyrapang Biodiversity Heritage Site (BHS) ki dei ki khaw ba la buh kyrapang ryngkat ki kynja ba im kiba ba bun jait, ne kiba im tang ha kato ka jaka, ne kiba duna paid, ne ki kynja ba im lah jan duh jait, ne kiba shong nonrim hangto, ne kiba dang sdang mih pateng kyrapang, ne kiba dei ki jait barim jong ki jingri, ne ki jingri kiba kham pher jait, ne ki kynja ba im sah tang ki dak ha ki khydew kiba tip pateng haduh mynta.

Ka BHS ha Meghalaya:

Ka jylla Meghalaya ka don bun kia khaw kiba lah ban pynlong BHS. Ki khaw kyntang ne ki khaw kur ne raid ki long kum kita. Don bun kia khaw kiba don ki kynja ba im ba bun jait (ha um ne ha ryngkew) kiba long kum ka iing sah ta ki kynja jingthung ne ke mrad ba lah jan duh jait ruh. Ki jingkieng diengiri kiba don ha kylleng ka jylla ki dei ki nuksa kiba khraw jong ka jingthaw da ki kynja ba im bad ka jingstad jong uba longshuwa manshuwa. La kina ki jingkieng diengiri lah ban pynba kum ki khaw kyrapang BHS.

Ka Jingkyrapad:

Ka ophis Meghalaya Biodiversity Board ka kyrapad ia ki paid nongshongshnong jong ka Meghalaya baia ki khaw kiba kyrapang kiba don hapoh ka bor jong ki kin sngewbha ban pynba kum ki khaw kyrapang BHS. Kane kan ym ktah ia ka jinglong trai jong ki khaw ne ki jaka ki puta. Kan long pynban ka lad ban ithuh bad baniarap ia ki nongshongshnong ban sumar kyrapang ia ki kynja ba im ha kine ki khaw. Ka kyrtei BHS ka pynthuh kylleng ka ri bad ka pyrthei ia kine ki khaw, bad na ka bynta ki jingbei tyngka ban farap ka shnong. Kumta, ki shnong ne ki raid ne ki kur ki lab ban ioh jingmyntoi bad suk ban pyntaid ia kine ki khaw. Ki nongshongshnong jong ka Meghalaya ki lab ban thaw ia ki kynhun Biodiversity Management Committee (BMC) ha la ki shnong ban tyrau ban pynba ta kine ki khaw kyrapang BHS lyngba kia kynhun BMC. Ka ophis Meghalaya Biodiversity Board ka kloiu ban farap ia ki ha kane.



GARO VERSION:



Meghalaya A·Dokni Skanggipa Biodiversity Heritage Site(BHS), Ko Parakatani:

Khaw Kur Syiem Kmieling biapko Meghalaya sorkari Biodiversity Heritage Site (BHS) ine 13th December 2018, o u·iataha. Ia biap Ri-bhoi District, Umling Block-ni ning·o donggipa Umkon songo donga. Ian skanggipa gamsenggipa biodiversity site ong·a jean 16.05 Ha area apalachim uko BHS im Meghalaya parakatha.

Maiarang Biological Diversity Heritage Site-rang ong·a?

Biodiversity Heritage Sites (BHS), ine aganon ian gipinrangoni dingtangmangchagipa biap, altuan nostu ong·ako ba gimaatako man·na amgipa sam·bol, do o·mat, jonturang, ma·manti me·gimuni rokomrang aro gamsenggipa a chi iandakgipa biaprang ong·a jeon mingsa ba una bate mongsonggipa bakrang gnang jekai; rokom ma·malni do·o matrang, gamchatgipa sam·bolrang, nikronggajigipa sam·bol, burungni do·o matrang jekon biap ge· sanosan niknu man·aigipa bi·dongaigipa, man·na neng·gipa aro gimana kenchakgipa gamchata sam·bol do·o matrang, ecosystem-ko tangate rakkigirkigipa aro pangchakgrikigipa sam·bol aro matburangrang (keystone species), gamchatgipa bimili bitchirrangko naatna amgipa rokomari sam·bolrang (species of evolutionary significances), do·burung, do·mesal, wakburung dolrang aro burungni cha·gipa bolam bite jerangkon dar·o songo noko jila kaa jeo·ge anirangko daka (wild ancestors of domestic/cultivated species) ora skangni mia misi bitchilrang aro gamchatgipa ro·ong, ba rangsil gamrang Biodiversity Heritage site-rang ong·a.

BHS in Meghalaya:

Meghalaya a·doko gamchatgipa, ripinge rakkina namgipa ba nanggipa biaprang bang·en dongenga jekon BHS ine channa gita ama. Rongtaligipa Burung bolgrim(Sacred Groves) aro songni manderangni ripinge rakkigipa dingtang dingtang burungrangba BHS ine channa kragipa biaprang ong·a. Una agreba gimaangenggipa, nikna neng·angenggipa do·o mat·aro sam·bolrangna dongchakna aro tangate rakkina dakchakgipa gamchatgipa biap ba burung bolgrimrang gnang. Meghalaya a·dokni dingtang dingtang biaprange niknu man·gipa tanggipi bol·ja·dilni jal·angrang(living root bridges) ong·telaiagipa bakrangko jakkale daken rikna changa sapaniko tangmesog(living root bridges) ong·a jean a·doko songdengenggipa manderangni chasongni chasongna man·rikrikbaenggipa gamchata dakkewal, u·ia·ma·siani aro changa sapaniko parak mesoka. Ia bol·ja·dilni jal·angrangkon Biodiversity Heritage Sites ine ra·na gita ama. Una agreba biaprang jeon chengo intalonin rokomanti gamenggipa mi misirangko ripinge rakkikubaengachim uarangkoba BHS ine donna gita ama.

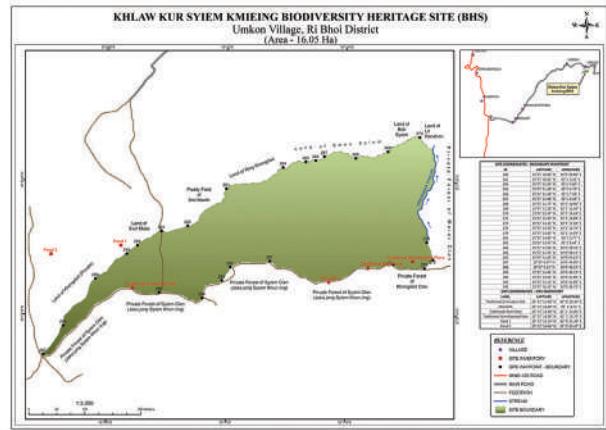


**Biodiversity Heritage Site (BHS) in Meghalaya
Umkon Village of Ri-Bhoi District
(Khlaw Kur Syiem Kmieling)**
Garo Language



Dakchakchina Mol·molani (An Appeal):

Meghalaya Biodiversity Board, Meghalaya a·doko songdengenggipa songni nokni manderangko (local communities) indonga gamchatgipa biap a·jarangko uamangni bilni ning·o ong·e BHS ine donchinna mol·molata. BHS ine donatengon uan a·ani a·nokgipa ong·e donganiko dingtangatja. Indiba batesa songnokni manderangni biaprangko gisiko nange ripingna kam·anina man·na kragipa mingnana bimbingko ra·baa. BHS dingtangamchana India a·songni aro·a gilsak giminiki (at national and international level) gadango ta raken manderangni nikano rachakako aro gisik alatako/nangatako man·gipa ong·a. BHS gamchatgipa biaprangko tange ripinge rakkina gita nangenggipa tanga paisarangko ra·bana dakchakasan ong·a·ja indiba songnokni manderangni janggi tangani gadangkoba tang·doatna dakchaka. Biap a·jako BHS ine ra·on, songnokni manderangni gamchatgipa biaprangko on·kange ripingna kam·ka·anichi aro biaprangko an·tangtangan jako ra·e nirok simsakanichi·dolgninan apsan mikkang nitea grigipa man·dapaniko ra·baa on·na dakchaka. Songtangtango Biodiversity Management Committees (BMCs)ko bikotchina Meghalaya Biodiversity Board, Meghalaya a·dokni manderangko okam ku·monga aro rimchaksoa aro ia BMCsni gitam nangnigipa nianni ja·pangrangkoba (propose constitution) tarina man·gen. Meghalaya Biodiversity Board uamangko dakchakna kusi ong·begon.





**ACTIVITIES OF
MEGHALAYA BIODIVERSITY BOARD
DURING THE FINANCIAL YEAR 2022-2023 ➔**

ACTIVITIES OF MEGHALAYA BIODIVERSITY BOARD DURING THE FY 2022-2023

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY (IDB):

The International Day for Biological Diversity (IDB) was commemorated by Board on 23rd May, 2022 at MeECL, Secondary School, Nongsder, Umiam of Ri-Bhoi District by involving School Students, BMC Members, Village Headmen of the localities nearby the catchment area of Umiam Lake, Forest officials and other Stakeholders, with an aim to promote and increase understanding and awareness among the public on biodiversity conservation on the theme 'Building a shared future for all life'.

Shri. N. Luikham IFS, Member Secretary, Meghalaya Biodiversity Board gave a brief presentation on the activities and glimpses of the achievements of the Board. He also requested everyone presents at the venue to join hands together as a community in protecting and safe guarding our biodiversity and to promote a sustainable future for all.

Addressing the gathering Shri. S.M.A.Razi, IRTS, Commissioner & Secretary to the Government of Meghalaya, Forest and Environment Department cum Chairman, Meghalaya Biodiversity Board as the Chief Guest of the day highlighted the context as to why we need to conserve, protect and develop biological resources and avail opportunities created by Biological Diversity Act 2002. He also drove home the point that we need to preserve and conserve pristine and ecologically important Umiam Lake and all such other places which we share with other life form as a matter of duty instead of being compelled by authorities concerned or the Hon'ble Courts for that matter.

Guest of Honour, Shri. S M Sahai, PCCF, Biodiversity and Wildlife cum Chief Wildlife Warden, Meghalaya emphasized that building a shared future for all life on Earth represents the shared aspiration of mankind. He also stated that underscore the work that we all have to do every day of the year to conserve, to restore and equitable share nature and the myriad benefits that it provide to humans who share this one small planet as our home.



(Celebration of IDB 2022 at Nongsder, Umiam with Commisioner & Secretary (Forest& Environment) cum Chairman of MBB as the Chief Guest and other Dignitaries)



(Addressing the gathering by the Chief Guest, Shri. S.M.A. Razi, IRTS, Commissioner & Secretary to the Government of Meghalaya, Forest and Environment Department)

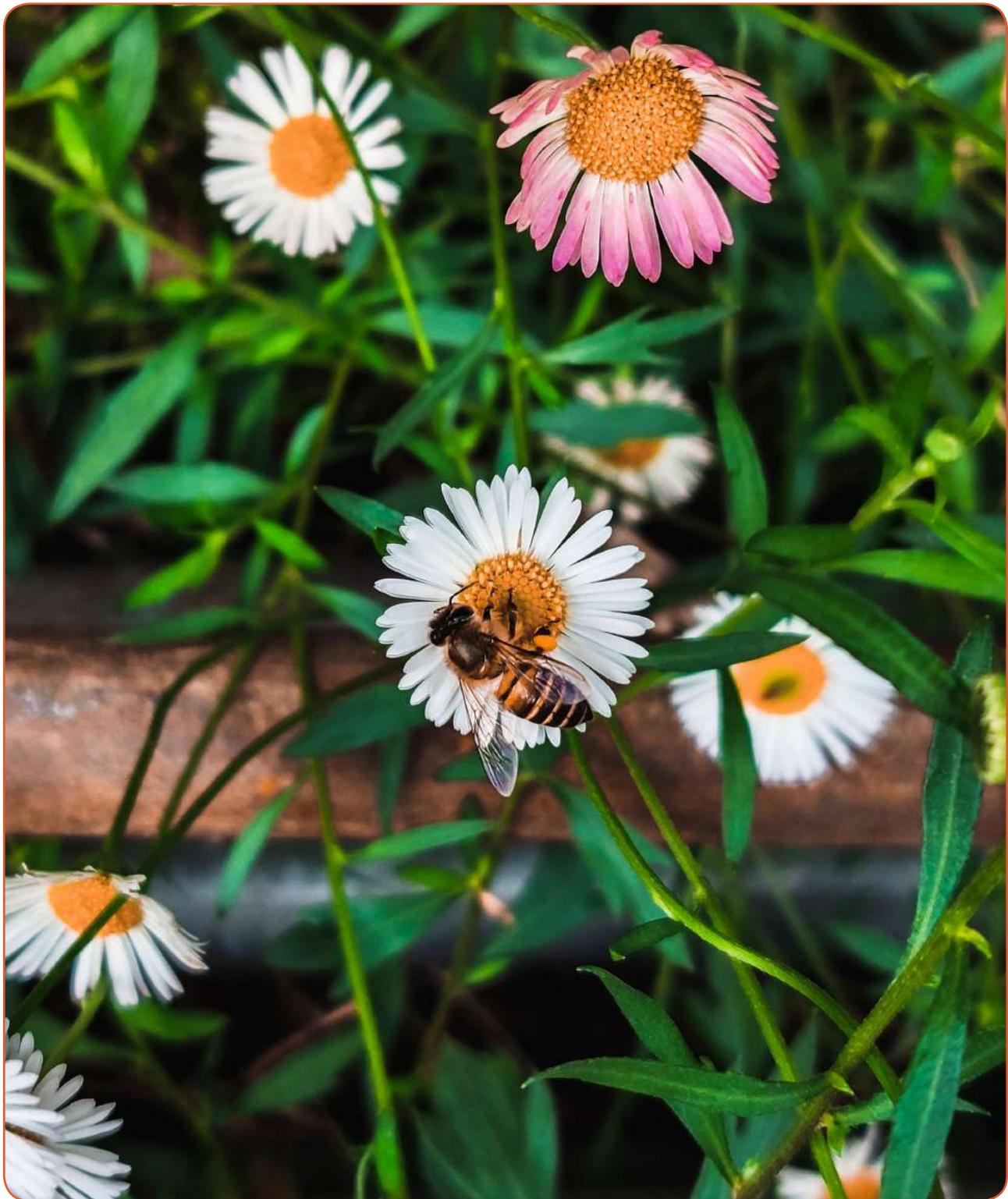
PHOTOGRAPHY COMPETITION:

Prizes were distributed to the winners of Photography competition conducted by Meghalaya Biodiversity Board on the theme 'Biodiversity in Urban Landscape'.

**WINNERS OF THE STATE LEVEL PHOTOGRAPHY COMPETITION
ON THE OCCASION OF IDB 2022**

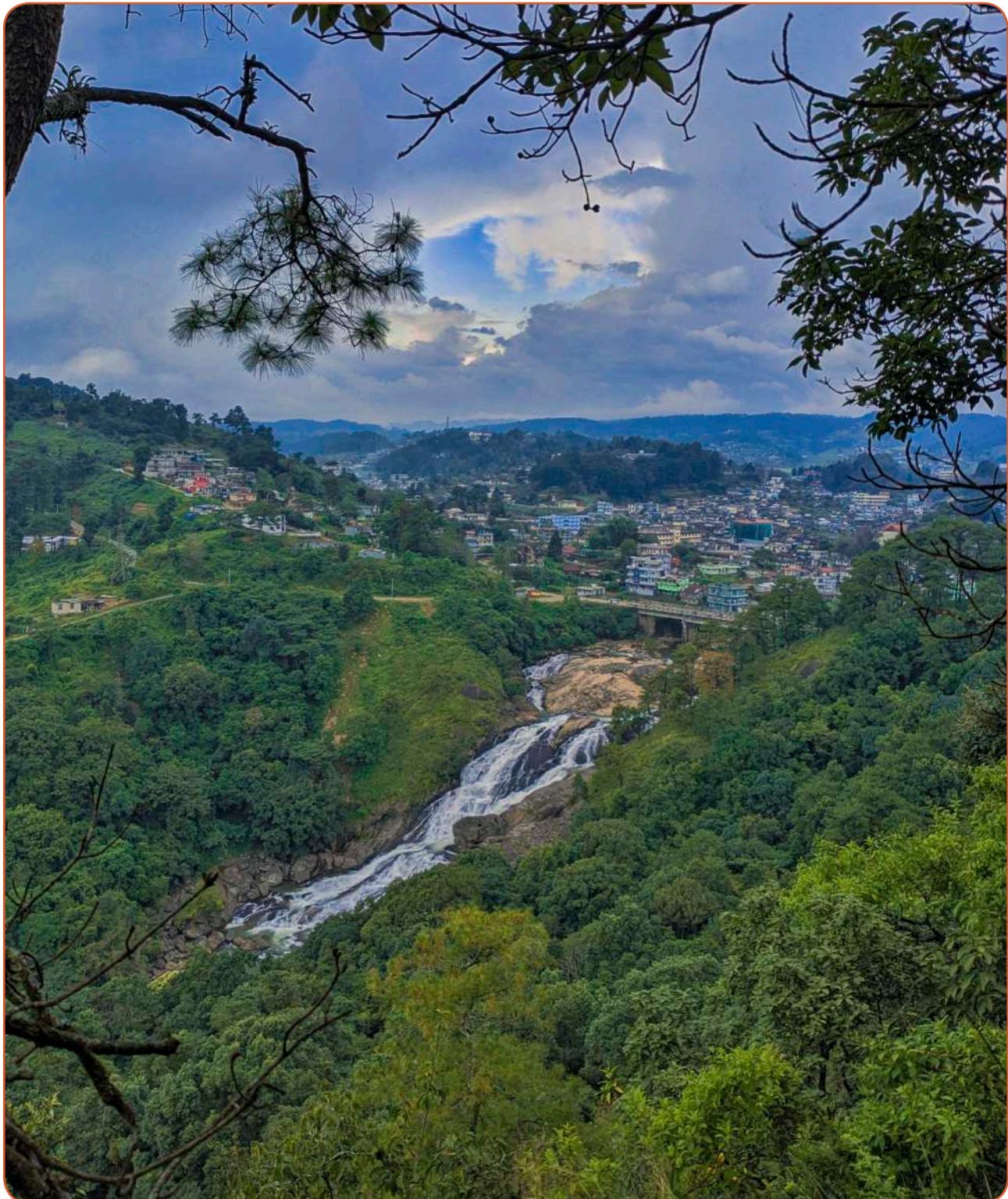
1st Prize: Felicia Nongpiur

Location: Ward's Lake, Shillong



2nd Prize: Mewankitbok Plain

**Location: Jingkieng Nongthymmai,
Shillong**



3rd Prize: Breining Star Wanniang

Location: Nongstoin, West Khasi Hills District



Consolation Prize: Chinamrak W Momin

Location: Civil Hospital, Shillong



©Kyntiewlin

Consolation Prize: Kyntiewlin Lyngdoh

Location: Jaiaw Lumbatemon, Shillong

CELEBRATION OF IDB - 2022 AT LADY HYDARI PARK:

IDB celebration was organised by the Board in collaboration with The Divisional Forest Officer, East Khasi Hills Wildlife Division, at Lady Hydari Park, Shillong on the 20th May, 2022. An awareness programme for BMC members and representatives from selected agencies, companies, and organizations was conducted by the District Nodal Officer (Wildlife), East Khasi Hills, in collaboration with the Meghalaya Biodiversity Board. The programme aimed at promoting biodiversity-friendly practices among organizations and institutions.



(DFO, EKH (WL) addressing the participants)



(Participants at the IDB 2022 at Lady Hydari Park)

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY CELEBRATION 2022 IN OTHER DISTRICTS OF MEGHALAYA

EAST GARO HILLS DISTRICT:

The International Day for Biological Diversity was observed in East Garo Hills by the District Nodal Officer (Social Forestry), Williamnagar, with participation from the DFO (Territorial), East and North Garo Hills, Williamnagar, and BMC members from Chekwegre, Chiokgre, Rongrengre, Bolkinggre, Sampalgre and Mrikwari. Shri H.R. Marak, Animal & Husbandry Veterinary Department delivered the keynote address on “*Preventing the Spread of Zoonotic Diseases.*” He elaborated on the significance of biodiversity in the context of global warming and detailed methods for controlling and preventing zoonotic disease outbreaks.



(Celebration of IDB in East Garo Hills District)



EAST JAINTIA HILLS DISTRICT:

An awareness programme was organized by the District Nodal Officer (Social Forestry), East Jaintia Hills, with active participation from school students and BMC members. Shri S. Suiam, Advocate from the District Legal Services Authority, Khliehriat, sensitized participants on the legal aspects related to biodiversity conservation, including the Wildlife Protection Act, 1972 and the Biological Diversity Act, 2002. He also discussed the consequences of illegal logging and timber transportation.



Celebration of IDB in East Jaintia Hills District

PARTICIPATION OF BMCS IN THE IDB 2022 EXHIBITION AT CHENNAI:

National Biodiversity Authority (NBA) celebrated IDB 2022 with a National-level conference and exhibition held at Kalaivanar Arangam, Triplicane, Chennai, Tamil Nadu on May 22, 2022. As part of this event, members of Phlangwanbri and Moomlamyliang BMC from Meghalaya, nominated by MBB, took part in the Biodiversity Exhibition showcasing the rich and unique biodiversity of Meghalaya through a range of displays including published books, brochures, informative panels and locally sourced bio-products. These exhibits highlighted the State's ecological wealth as well as the on-going activities and initiatives of the Board.



(Exhibition stall of Meghalaya Biodiversity Board held at Kalaivanar Arangam, Triplicane, Chennai, Tamil Nadu on May 22, 2022 during the celebration of International Day for Biological Diversity 2022)



(Union Minister for Environment, Forest and Climate Change Shri. Bhupender Yadav and Union Minister of State for Environment, Forest and Climate Change Shri. Ashwini Kumar Choubey, visiting the MBB Biodiversity Exhibition stall)

CELEBRATION OF IDB 2022 AT MARTIN LUTHER CHRISTIAN UNIVERSITY:

In the third week of May 2022, the Department of Environment and Traditional Ecosystems (DETE), Martin Luther Christian University (MLCU), in collaboration with the Meghalaya Biodiversity Board, organized a week-long celebration in observance of the International Day for Biological Diversity (IDB) 2022. This year's theme, "*Building a Shared Future for All Life*", was central to a series of activities conducted from 18th to 21st May, 2022.

1: Introductory Briefing and Documentary screening (18th May, 2022): The week commenced with a briefing session for MLCU students from diverse academic backgrounds. Ms. Mebaaihun Shisha Sunabi, Head of DETE, along with Mr. Evan Diengdoh and Mr. Raymond Wahlang, Assistant Professors, led discussions on the importance of biological diversity and the grave implications of its loss. The session included the screening of the documentary "*Kiss the Ground*", which emphasized the conservation of land and soil resources, the critical role of forests as biodiversity reservoirs, and the importance of carbon sequestration in mitigating global warming. By the end of the session, students had gained valuable insights into the significance of biodiversity.



(Introductory Briefing)



(Students of MLCU from different academic backgrounds)

2: Briefing on Land Resources and Screening of Forest Man (19th May, 2022): Continuing the engagement, a second briefing focused on "*Land Resources*," "*Afforestation*," and the adverse effects of "*Desertification*." The highlight was the screening of "*Forest Man*", a documentary profiling Mr. Jadav Molai Payeng, Padma Shri awardee and renowned as the "*Forest Man of India*." The film showcased Mr. Payeng's lifelong efforts in afforestation and the creation of the Molai Forest, emphasizing the profound impact of individual action in restoring ecosystems. The session left students deeply impressed with the importance of forest resources and the irreplaceable role each species plays within ecosystems.

3: Formal Event, Poster and Photography Competitions (20th May, 2022): A formal event along with a Poster and Photography competition was organized at the MLCU Hall. The competition themes were "*Change One Habit That Is Negative to Biodiversity*" and "*Urban Biodiversity*." The event was graced by distinguished guest Shri. T. T. C. Marak, IFS (Retd.), as Chief Guest, alongside MLCU dignitaries: Dr. Iwamon W. J. Laloo (Registrar), Dr. Marina B. Marwein (Controller of Examinations), and Dr. Sonia A. L. Tron (Finance Officer), who also served as competition judges. The competitions, saw enthusiastic participation from across departments, reflecting heightened interest and awareness among students.



(Photography competition entries)



(Poster competition entries Judging of poster competition entries)



Winner of Photography competition



Winners of Poster competition

BIODIVERSITY WALK AT PHAN NONGLAIT PARK (21st MAY, 2022):

The week culminated with a Biodiversity Walk organized for DETE students at Phan Nonglait Park in Shillong. The walk was led by expert Dr. Subhasish Dasgupta, who guided students in identifying a wide range of floral and faunal species.

Meghalaya Biodiversity Board organised such activities/awards with an aim to recognize the efforts of individuals/institutions/corporate (both public and private) involved in effective management and conservation of the biological resources in an equitable and sustainable manner as well as to recognize the exemplary work of the Biodiversity Management Committees and to motivate and functionalise the BMCs constituted in the State.



(Students interacting with Dr. S. Dasgupta Students of DETE identifying herbaceous species)

AWARENESS CAMPAIGNS (2022-2023)

Fifteen awareness campaigns were conducted by Meghalaya Biodiversity Board during the year 2022-2023 at block level in different Districts of the State on provisions of the Biological Diversity Act, 2002 with the help of Deputy Commissioners, Block Development Officers and District Nodal Officers. The list of various awareness campaigns conducted at different places are as follows:

Sl. No	Date	Place	Block	District
1	02/04/2022	Pongkung Community Hall	Mawsynram	East Khasi Hills
2	13/04/2022	Mawphlang, Nongrum	Mawphlang	East Khasi Hills
3	25/05/2022	Sohieng Block Office	Sohieng	East Khasi Hills
4	17/06/2022	Kmawanrum Community Hall	Mawsynram	East Khasi Hills
5	22/08/2022	Umsning Block Office	Umsning	Ri-Bhoi
6	24/08/2022	Mawphlang Block Office	Mawphlang	East Khasi Hills
7	28/09/2022	Nongstoin Block Office	Nongstoin	West Khasi Hills
8	30/09/2022	Umsning Block Office	Umsning	Ri-Bhoi
9	14/10/2022	Umkon Community Hall	Umling	Ri-Bhoi
10	19/10/2022	Laitkroh Khatarshnong Block Office	Laitkroh Khatarshnong	East Khasi Hills
11	09/11/2022	Ranikor Block Office	Ranikor	South West Khasi Hills
12	18/11/2022	Shella Bholaganj Block Office	Shella	East Khasi Hills
13	25/01/2023	Jirang Block Office	Jirang	Ri-Bhoi
14	20/03/2023	Kynton Massar Community Hall	Mawlai	East Khasi Hills
15	28/03/2023	Mawthadraishan Block Office	Mawthadraishan	West Khasi Hills

FEW PICTURES OF THE AWARENESS CAMPAIGNS FOR BMCS ON BIODIVERSITY



(Pongkung Community Hall, Mawlynnong Block)



(Kmawanrum Community Hall, Mawsynram Block)



(Jirang Block Office)



(Umsning Block Office)



(Headman of Bahalri Village as the Translator of the Programme during the BMC Awareness at Jirang Block , Ri-Bhoi District)



(Khatar Shnong Laitkroh Block BMC Awareness Programme)



(Sohiong Block Office)



(Umling Block Office)

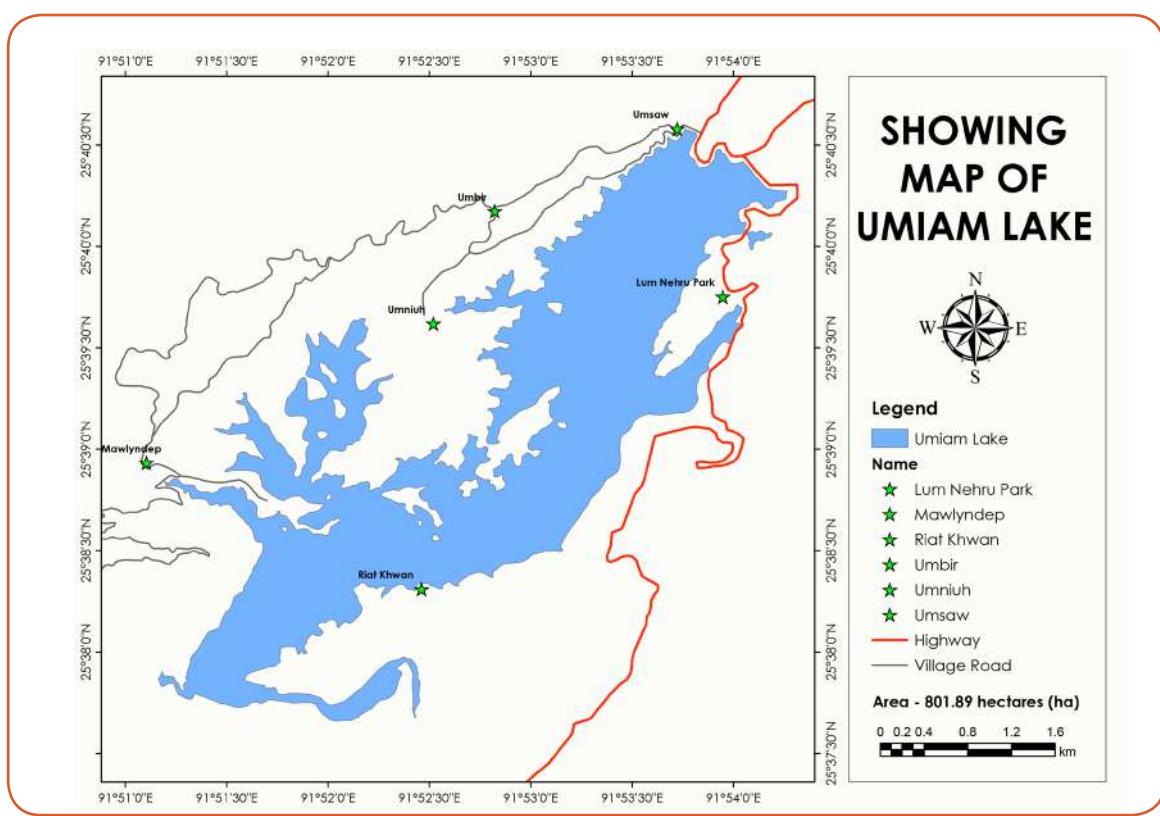
ASIAN WATER BIRD CENSUS 2023

MBB in collaboration with the Office of the Divisional Forest Officer-Khasi Hills Wildlife Division, Shillong conducted the 2nd Asian Waterbird Census on 21stJanuary, 2023 simultaneously at six (06) sites viz. Umsaw, Umbir, Umniuh, Mawlyndep, Umiam and Riat Khwan covering the wetland areas of Umiam Lake, Ri-Bhoi District, in the presence of Dr. Anwaruddin Chowdhury, IAS (Retd.), AWC co-ordinator for Northeast States, Shri.Sachin Gavade, IFS, DFO Wildlife Division Shillong and Smti. H. Lato, IFS, DFO Social Forestry Division, field staff of the Forest Department, Technical staff of the Board along with the Biodiversity Management Committee (BMC) members.

Dr. Anwaruddin Chowdhury known for his expertise on birds and is also the coordinator for the Northeast States for the Asian Water Bird Census gave a brief introduction about the Asian Waterbird Census and its importance for the conservation and management of the wetlands and waterbirds before the commencement of the count. During the exercise about 195 numbers of waterbirds comprising of 13 species were identified and counted.

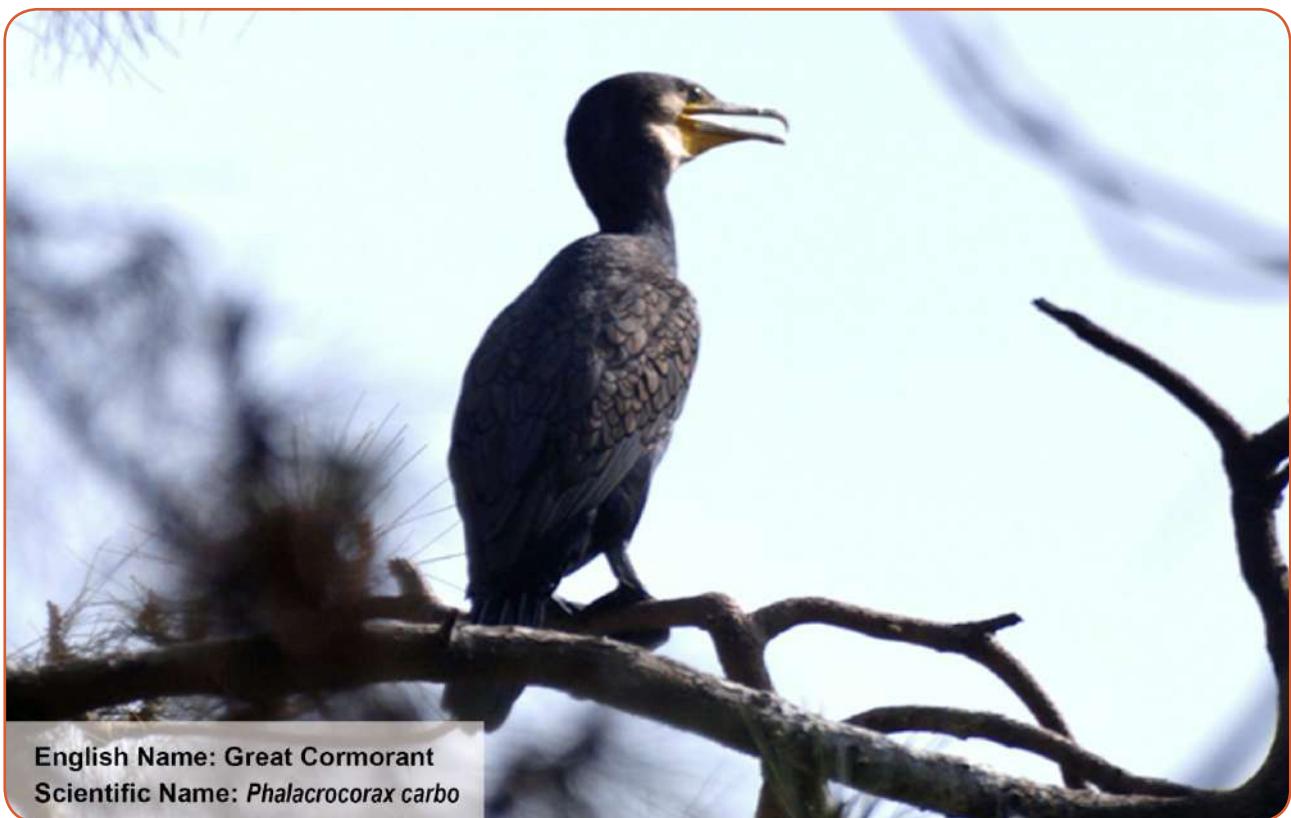


(Participants during the Waterbird Census Dr. Anwaruddin Chowdhury, IAS (Retd.), addressing the Participants)



(Umiam lake map showing the counting sites)

FEW IMAGES OF WATERBIRD SPECIES SIGHTED





English Name: MEDIAN EGRET

Scientific Name: *Mesophoyx intermedia*



English Name: PURPLE HERON

Scientific Name: *Ardea purpurea*



English Name: INDIAN POND HERON

Scientific Name: *Ardeola grayii*



English Name: LITTLE GREBE

Scientific Name: *Tachybaptus ruficollis*



English Name: WHITE WAGTAIL
Scientific Name: *Motacilla alba*



English Name: LITTLE RINGED PLOVER
Scientific Name: *Charadrius dubius*

TRAINING PROGRAMS AND WORKSHOPS

Hands-on Training Program on the preparation and updating of PBRs: MBB, in collaboration with NESFAS, organized a hands-on training program on the preparation and updating of People's Biodiversity Registers (PBRs) from August 17th to 22nd, 2022. Conducted with support from The Nature Conservancy (TNC) members, the program benefited greatly from the expertise of Dr. E.D. Israel Oliver King of the M.S. Swaminathan Research Foundation, whose guidance helped participants gain a clear understanding of PBR methodology and significantly contributed to institutional capacity building. A two-day field practicum at Khweng Village, led by Dr. Oliver King, proved especially effective, with participatory rural appraisal (PRA) tools such as social mapping, institutional Venn diagrams and transect walks offering deep insights into community engagement and biodiversity documentation.

Techniques like institutional mapping and Venn diagrams demonstrated during the training will play a critical role in developing Management Plans for BMCs. MBB acknowledges the contributions of NESFAS Director, Shri.Pius Ranee and his team. Sincere appreciation is also extended to the BMC members, elderly knowledge holders, and villagers for their active cooperation. MBB looks forward to continued collaboration with NESFAS in future training initiatives and biodiversity awareness programs.



(Dr. E.D. Israel Oliver King giving training to the participants)



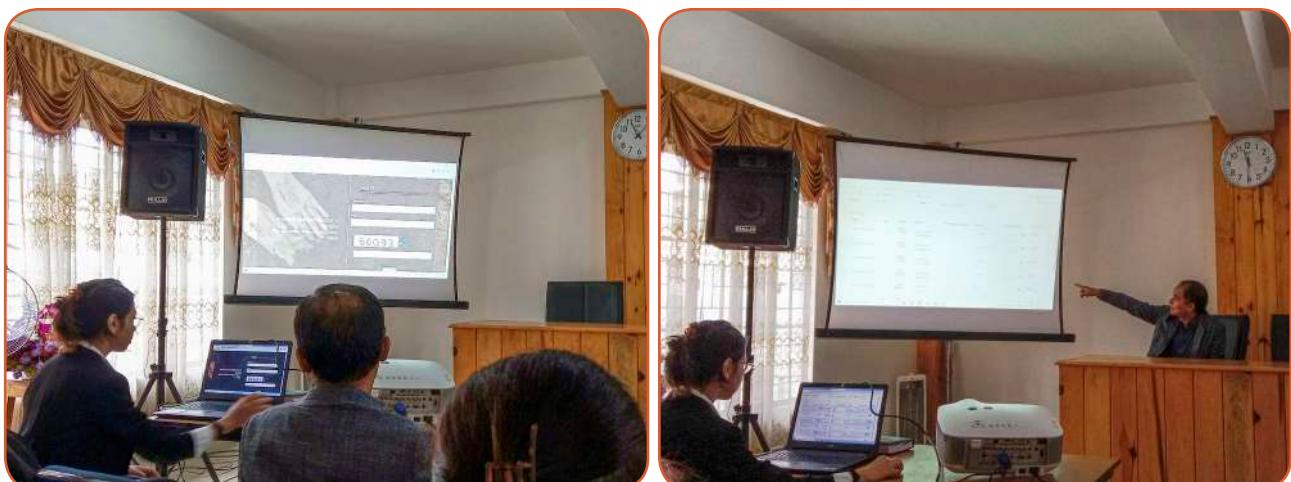
(PBR upgradation of Khweng BMC)

One-Day Workshop on Forest-Based Livelihoods and Indigenous Rights in Meghalaya: Technical staff of the MBB participated in a one-day workshop titled “*Forest-Based Livelihoods, Livelihood Security, and Indigenous Peoples’ Rights on Natural Resources in Meghalaya*”, held on April 22, 2022, at the Multi-Use Convention Centre, North-Eastern Hill University, Shillong. The workshop was organized by Aaranyak, Assam in collaboration with the State Council of Science, Technology & Environment, Meghalaya, as part of World Earth Day 2022 celebrations. The workshop aimed to review the current landscape of livelihood practices in forest fringe villages across Meghalaya and to explore pathways for promoting sustainable livelihoods. It emphasized the importance of harnessing traditional knowledge and the cultural ethos of indigenous communities while supporting these efforts through green skill development and the adoption of appropriate, low-cost technologies guided by frugal innovation principles.



(Participants during the Workshop)

Training on PBR Application Software and Mobile App: For capacity building, NIC Shillong conducted a training session on 20th July, 2022 for staff of the Board, officials from the Forest and Environment Department and PBR trainees. The training focused on the use of the PBR Application Software and Mobile App, developed by NIC and funded by MBB.



(PBR Application Software and Mobile App training by NIC, Shillong)

Workshop-cum-Training for Field Project Associates on PBR Preparation and Up-gradation: MBB conducted a 3 days **Workshop-cum-Training** for the newly appointed **Field Project Associates** from **8th to 10th November, 2022**. These Associates have been engaged to undertake the preparation and up-gradation of the PBRs across the State of Meghalaya.

Technical Sessions: As part of the workshop, MBB conducted an in-depth orientation session covering the PBR format and process, including hands-on guidance on Participatory Rural Appraisal (PRA) tools and techniques, methods for documenting biodiversity-related information and best practices for data collection. The session also emphasized the importance of PBRs as decentralized biodiversity documentation tools and explained why PBR preparation is mandated under the Biological Diversity Act, 2002, linking it to the conservation, sustainable use and equitable sharing of benefits arising from biological resources and associated traditional knowledge.

In addition, Expert Government Institutions and Organizations were invited to deliver domain-specific inputs:

- **Zoological Survey of India (ZSI)** led a session on: “*Documentation of Fauna in the People’s Biodiversity Register with Special Emphasis on the Fauna of Meghalaya*,” based on the standard PBR format.
- **Botanical Survey of India (BSI)** contributed with a session on: “*Documentation of Flora in the People’s Biodiversity Register with Special Emphasis on the Flora of Meghalaya*,” in line with the approved format. As earlier agreed upon, the venue for the workshop was the BSI Institute premises.
- **North East Slow Food and Agrobiodiversity Society (NESFAS)** facilitated a session on: “*Traditional Knowledge (TK) Associated with Biological Resources to be Documented in the People’s Biodiversity Register, with Special Emphasis on the TK of Meghalaya*.”



(Workshop-cum-Training for the Field Project Associates)



(Training of the Field Project Associates at BSI, Shillong)



(Training of the Field Project Associates at ZSI, Shillong)

International Conference on Biodiversity & Conservation and Workshop on Traditional Medicine: The Department of Zoology and Department of Fishery Science, St. Anthony's College in collaboration with the Bio Resources Development Centre (BRDC) and MBB, organized an International Conference on Biodiversity and Conservation along with a Workshop on Traditional Medicine on 14th and 15th December 2022 at the Executive Conference Hall, Wollaston Annexe, St. Anthony's College, Shillong.

The inaugural session was graced by Shri. James P. K. Sangma, Minister of Forest & Environment and Health & Family Welfare, Government of Meghalaya. In his address, the Minister highlighted the importance of reviving and preserving traditional knowledge and healing practices, which have declined over time. He expressed hope for the integration of traditional and modern medicine and announced the upcoming Ayush and Traditional Wellness Centre at the BRDC experimental farm in Laitmynsaw, Upper Shillong, as part of the 50th Year of Meghalaya Statehood celebrations. Shri. Sangma also underscored Meghalaya's rich biodiversity and the Government's efforts to leverage this through innovative conservation initiatives. These include:

- A biodiversity heat map project, using LiDAR surveys and hyperspectral imaging, funded by the Meghalaya Minor Minerals Reclamation Fund.
- The launch of Payment for Ecosystem Services (PES), making Meghalaya one of the first states in the region to implement the model, aimed at involving youth and communities in conservation.



(International Conference on Biodiversity & Conservation)



Shri. James P. K. Sangma, Hon'ble Minister of
Forest & Environment and Health & Family Welfare,
Government of Meghalaya visiting the MBB stall)

Bio-entrepreneurs Exhibition: MBB participated in a two-day exhibition held from 28th February to 1st March, 2023, alongside the National Seminar on “Emerging Trends in Biological Sciences: A North East India Perspective” at NEHU, Shillong. The exhibition showcased bio-entrepreneurs from across India, with a special focus on the North East region.

MBB used the platform to engage with students, teachers, and entrepreneurs, raising awareness on the Biological Diversity Act, 2002, and Access and Benefit Sharing (ABS). Entrepreneurs from Khasi, Jaintia and Ri-Bhoi Districts displayed a range of value-added products including fruit jams, herbal candies, wines and essential oils. A highlight was the Fountain Green Joint Liability Group from Ri-Bhoi District, recognized for its aromatic oils and potential role in supporting ABS implementation through both local sales and exports.



(MBB Stall during the Exhibition)

(Participants in the National Seminar)

10

AUDITED ACCOUNT STATEMENTS (FY 2022-2023)

The Audited Account Statement for the year 2022-2023 are shown below:

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

Receipts and Payments Account for the year ended March 31st, 2023

<u>Receipts</u>	<u>Amount</u>	<u>Payments</u>	<u>Amount</u>
To Opening Balance:		By National Biodiversity Authority Expenses:	
Cash at Bank:		As Per Schedule A	
SBI A/c No. 32375460838	26832678.86	a) Revenue Expenses	3396230.00
SBI A/c No. 40087138394	22368.50	b) Capital Expenses	-
Cash in Hand:	1130.00		3396230.00
To Funds Received		By State Plan Expenses:	
Grant In Aid Received From National Biodiversity Authority, Chennai	1550000.00	As Per Schedule B	
Funds Received From State Government	249743000.00	a) Revenue Expenses	23783477.00
To Other Income:		b) Capital Expenses	110821.00
Bank Interest			23894298.00
SBI A/c No. 32375460838	2322765.00	By Bank Charges:	1386.50
SBI A/c No. 40087138394	1565.00		
Sale Of Book	68700.00	By Closing Balance :	
Misc Fund	24818.00	Cash at Bank:	
		SBI A/c No. 32375460838	253177920.36
		SBI A/c No. 40087138394	92574.50
		Cash in Hand:	253270494.86
			4616.00
	Total Rs.	Total Rs.	280567025.36
	280567025.36		

Place : Shillong
 Date: 19.10.2024

In terms of our report of even date
 for Amit O P Sharma & Co
 Chartered Accountants

Amit Sharma

(Amit Sharma)

Proprietor

Membership No:063463
 UDIN:24063463BKBLMT7851



Member Secretary
Meghalaya Biodiversity Board

Chairman
Meghalaya Biodiversity Board
Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

Income and Expenditure Account for the year ended March 31st, 2023

Expenditure	Amount	Income	Amount
To National Biodiversity Authority Expenses:		By Grant in Aid received from National Biodiversity Authority, Chennai	3396230.00
As Per Schedule A			
a) Revenue Expenses	3396230.00	By Funds Received from State Government	23783477.00
To State Plan Expenses:		By Sale of Book	68700.00
As Per Schedule B			
a) Revenue Expenses	23783477.00	By Misc Fund	24818.00
To Bank charges	1386.50	By Bank Interest:	
To Depreciation	137184.00	SBI A/c No. 32375460838	2322765.00
" Surplus (Excess of Income over Expenditure)	2279277.50	SBI A/c No. 40087138394	1565.00
Total Rs.	29597555.00	Total Rs.	29597555.00

Place: Shillong
 Date: 19.10.2024

In terms of our report of even date
 for Amit O P Sharma & Co.
 Chartered Accountants

Amit Sharma
 (Amit Sharma)
 Proprietor
 Membership No:063463
 UDIN:24063463BKBLMT7851



Member Secretary
 Meghalaya Biodiversity Board

Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

Balance Sheet as at 31.03.2023

Liabilities		Amount	Assets		Amount
Capital Fund Account			Fixed Assets		
Opening Balance		7951587.86	As per Schedule 'C'		867381.00
Add: Surplus for the year		<u>2279277.50</u>			
		10230865.36			
GRANT FUND:					
1. National Biodiversity Authority:			Cash at Bank		
Opening Balance		4259282.00	SBI A/c No. 32375460838		253177920.36
Add: Received during the year		<u>1550000.00</u>	SBI A/c No. 40087138394		92574.50
		5809282.00			
Less: Utilised During the Year			Cash in Hand		
(Schedule 'A')		<u>3396230.00</u>	2413052.00		4616.00
2. State Plan					
Opening Balance		15539051.50			
Add: Received during the year		<u>249743000.00</u>			
		265282051.50			
Less: Utilised During the Year					
(Schedule 'B')		<u>23783477.00</u>	241498574.50		
Total Rs.		<u>254142491.86</u>	Total Rs.		<u>254142491.86</u>

Place: Shillong
 Date: 19.10.2024

In terms of our report of even date
 for Amit O P Sharma & Co.
 Chartered Accountants

Amit Sharma
 (Amit Sharma)
 Proprietor
 Membership No:063463
 UDIN:24063463BKBLMT7851



[Signature]
 Member Secretary
 Meghalaya Biodiversity Board

[Signature]
 Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING; LOWER LACHUMIERE: SHILLONG

SCHEDULE FORMING PART OF FINANCIAL STATEMENTS 31.03.2023

SCHEDULE A NATIONAL BIODIVERSITY AUTHORITY EXPENSES 2022-23		
Sl No	Particulars	Amount
1	Salary	1146000.00
2	Expenses on celebrating International Day for Biological Diversity	128794.00
3	Financial Assistance for celebrating International Day for Biological Diversity:	
	a)District Nodal Officer cum convenor of Technical Support Group, Jowai	15000.00
	b)District Nodal Officer cum convenor of Technical Support Group, East Garo Hills District, Social Forestry Division	10000.00
	c)District Nodal Officer cum convenor of Technical Support Group, East Khasi Hills District, Wildlife Division	20000.00
	d)Martin Luther Christian University	18583.00
4	Expenses of preparation of People's Biodiversity Register	800000.00
5	Financial Assistance for preparation of People's Biodiversity Register	107245.00
6	Start up fund for formation of Biodiversity Management Committee (17)	1020000.00
7	Expenses on India Biodiversity Award	22338.00
8	Unutilised fund refunded to National Biodiversity Authority	108270.00
	TOTAL	3396230.00




 Member Secretary
 Meghalaya Biodiversity Board


 Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

SCHEDULE FORMING PART OF FINANCIAL STATEMENTS 31.03.2023

SCHEDULE B STATE EXPENSES 2022-23			
Sl No	Particulars	Amount	Amount
A)	Salary Component:		
	a) Salary	2682100.00	
	b) Arrears	108120.00	
	c) Wages	183000.00	2973220.00
B)	Non Salary Component:		
1.	Allowance		
	a) Travelling	60971.00	60971.00
2.	Office Expenses		
	a) Stationery	70615.00	
	b) Telephone Bill	16675.00	
	c) Honorarium and sitting	48840.00	
	d) General Expense	25126.00	
	e) POL	46697.00	
	f) Audit fees	35400.00	
	g) Vehicles Expenses	121145.00	
	h) Postal Charges	9126.00	
	i) Computer Repair & Maintenance	3750.00	
	j) Repair & Maintenance	1852.00	379226.00
3.	Office Equipment ,Furniture & Maintenance		
	i) Purchase of :		
	a) Furniture	37840.00	
	b) Warmex Heater	7600.00	
	c) Computer Equipment	65381.00	110821.00
4.	Minor Works		
	a) Publishing of annual report	74340.00	
	b) Translation of publicity material	1200.00	75540.00
5.	Major Works :		
	a) Awareness Programme for Biodiversity Management Committee	64820.00	
	b) Awareness program on Biodiversity Heritage Sites	6800.00	
	c) Forest survey and mapping (10% advance)	20170000.00	
	d) International Conference	52900.00	20294520.00
	TOTAL		23894298.00



Amit O P Sharma & Co.
Chartered Accountants

Chairman
Meghalaya Biodiversity Board
Shillong, Meghalaya

Member Secretary
Meghalaya Biodiversity Board

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMERE: SHILLONG

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2023

Sl No	Particulars	Gross Block			Depreciation			Net Block As on 31.03.2023			
		Opening Balance	Addition during the year	Sale during the year	Total	Rate	Opening balance	For the Year			
		Before 30th Sept	On or after 30th Sept								
1	Furniture	719137.00	37840.00	-	0.00	756977.00	10%	285175.00	47180.00	332355.00	424622.00
2	Computer & Peripherals	373660.00	2867.00	62514.00	0.00	439041.00	40%	347267.00	22660.00	369927.00	69114.00
3	Office Equipments	629759.00	-	7600.00	0.00	637359.00	15%	424485.00	31930.00	456415.00	180944.00
4	Books	132456.00	-	-	0.00	132456.00	20%	108536.00	4784.00	113320.00	19136.00
5	Vehicle	688605.00	-	-	0.00	688605.00	15%	484410.00	30630.00	515040.00	173565.00
	Total	2543617.00	40707.00	70114.00	-	2654438.00	-	1649873.00	137184.00	1787057.00	867381.00



✓
Member Secretary
Meghalaya Biodiversity Board

Chairman
Meghalaya Biodiversity Board
Shillong, Meghalaya

✓
J



**ACTIVITIES OF
MEGHALAYA BIODIVERSITY BOARD
DURING THE FINANCIAL YEAR 2023-2024 ➔**

ACTIVITIES OF MEGHALAYA BIODIVERSITY BOARD DURING THE FY 2023-2024

The International Day for Biological Diversity (IDB) was commemorated by Meghalaya Biodiversity Board (MBB) on 22nd May, 2023 on the theme 'From Agreement to Action: Build Back Biodiversity' at U SoSo Tham, Auditorium, State Central Library, Shillong, by involving Government officials from various Line Departments, School and University Students, BMC Members, Media and Stakeholders with an aim to promote and increase understanding and awareness among the public on biodiversity conservation.

Shri. S M A Razi, IRTS, Commissioner & Secretary to the Government of Meghalaya, Forest and Environment Department cum Chairman, Meghalaya Biodiversity Board delivered the keynote address. He stated that the Board has been striving to achieve the objectives envisaged in the Biological Diversity Act i.e., biodiversity conservation, sustainable use of the bio resources and ensuring a fair and equitable sharing of benefits arising out of the bio resources and associated traditional knowledge by conducting awareness campaigns throughout the State and ensuring the participation of local people at the grass root level in biodiversity conservation. He informed that the Board till date has constituted 6484 Biodiversity Management Committees (BMCs) in the State through the Village Level local bodies and Peoples Biodiversity Registers (PBRs) are prepared for each BMCs covering all villages in the State. He also informed that first Access and Benefit Sharing (ABS) financial benefit (Rs. 85,000/-) has been received by Singwilgre BMC in Meghalaya through implementation of the Biological Diversity Act, 2002 and stated that it is a small step and many more BMCs can avail this ABS benefit and the Board is here to ensure the same. Concluding the keynote address, he stated that the seriousness and commitment of the Board will go a long way towards increasing awareness among the stakeholders, students, youth and the citizens in general.

Shri. N. Luikham IFS, Member Secretary, Meghalaya Biodiversity Board gave a brief presentation on the activities and glimpses of the achievements of the Board. He also requested everyone present at the venue to join hands together as a community in protecting and safe guarding our biodiversity and to promote a sustainable future for all.

Guest of Honour, Shri. R.S Gill, IFS, PCCF & HoFF, Meghalaya during his address highlighted the enormous biodiversity of the State and the importance of conserving it. He stated that the communities which are involved for generations for looking after their biodiversity must have a role in its management and these communities must have their share when the bioresources are used commercially. He highlighted the efforts of the Board in creating the BMCs, increasing awareness among the communities for biodiversity conservation and empowering the communities as per the Biological Diversity Act, 2002 is the most significant contribution to the State and wished the Board for achieving success in its future endeavours.

Addressing the gathering as the Chief Guest of the day, Shri. D P Wahlang, IAS, Chief Secretary to the Govt. of Meghalaya, said MBB is the Board that takes care of the future generation, ensuring we live together in tandem with nature. He also mentioned that our efforts should not end at discussions and agreement; they should be translated into actions. He also stressed that it is the responsibility of all human beings to protect biodiversity. The Chief Secretary also appreciated Shri. Daphring Songthiang of Khwad Village under Mawkynew Block, East Khasi Hills for recognising the importance of conservation of biodiversity by surrendering his licensed gun which he had used for hunting and stated that this will inspire others also to do the same.





Addressing the gathering Shri. N. Luikham IFS, Member Secretary, Meghalaya Biodiversity Board



Addressing the gathering as the Chief Guest of the day, Shri. D P Wahlang, IAS, Chief Secretary to the Govt. of Meghalaya

On this occasion, three posters on biodiversity viz; '**Wild Edible Fruits of Khasi & Jaintia Hills**', '**Grass Species of Economic Value In Meghalaya**' and '**Some of the New Vertebrate Faunal Species Described from Meghalaya During 2020-23**' was also released by the Chief Guest Shri. D. P Wahlang, IAS Chief Secretary of Meghalaya along with the Commissioner & Secretary (Forest & Environment), Smti. R M Kurbah, IAS Deputy Commissioner, East Khasi Hills, Shri. R.S Gill, IFS, PCCF & HoFF, Shri. M Sahai, IFS, PCCF (Wildlife & Biodiversity) & Shri. N Luikham, IFS, Member Secretary, MBB.

State Level Biodiversity Award 2023 - was also conferred to Shri. Tyngshainlang Dewkhaid of Phlangwanbroi Village, Mawsynram Block, East Khasi Hills District under the category – 'Biodiversity Conservation and Sustainable use of Biological Resources' for protecting and conserving of Western Hoolock Gibbon (endangered) and its habitat at Hima Malai Sohmat for seven years.

Umtingam Biodiversity Management Committee of Ri-Bhoi District also won the State Level Biodiversity Award 2023 under the category '**Best Biodiversity Management Committee**' for rejuvenating the degraded forest and promotes afforestation with the assistance of various line departments through the Block Development Office. The main focus of the BMC at present is to protect the Hoolock Gibbon which is gradually declining due to habitat destruction in various forms of hunting. The BMC has restricted any sort of human intervention like encroaching into these forest and action will be taken against those who trespasses the area as per the rules set up the concerned BMC.

Meghalaya Biodiversity Board has organised such activities/awards with an aim to recognize the efforts of individuals/institutions/corporate (both public and private) involved in effective management and conservation of the biological resources in an equitable and sustainable manner as well as to recognize the exemplary work of the Biodiversity Management Committees and to motivate and functionalize the BMCs constituted in the State.

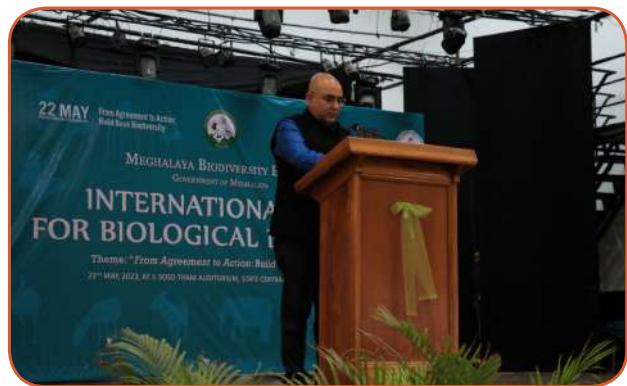
Prizes were distributed to the winners of Photography competition conducted by Meghalaya Biodiversity Board on the theme '**Zoom into the biodiversity of Meghalaya**'. Online Quiz competition for School Students of class 8-10 which was conducted in collaboration with Zoology Department of St. Anthony's College, Shillong.

A second session of the IDB Celebration 2023 was followed by screening films on the documentation of Cave Eco-system of Meghalaya by Round Glass Sustain –A non-profit organisation telling stories of India's Wildlife & Habitat to create awareness & support conservation (based at Punjab). Documentation and screening of films include Krem Umladew, Krem Chympe of Jaintia Hills and other unnamed caves. They showcased the world's largest blindfish and other little-known species living at these depths. The habitat they are covering is extremely unique to Meghalaya and the cave systems being home to the World's largest blind fish. Active interaction between Dhritiman Mukherjee, Expert Photographer, RoundGlass Sustain, and the audience also took place after the screening of films which was indeed very beneficial for the students at large. Certificate of appreciation was also awarded to the members of Meghalaya Adventurers Association and the local people from East Jaintia Hills by the PCCF (Wildlife & Biodiversity) and Member Secretary, MBB for their assistance and support in the documentation of the caves of Meghalaya.

The IDB 2023 was concluded with the Panel Discussion on the **“Cave Ecosystem of Meghalaya: Strategies for Conservation”** conducted by Meghalaya Biodiversity Board in collaboration with GIZ Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH; by involving various stakeholders, representatives from Universities, Colleges and Cave Experts. Caves of Meghalaya comprise a large number of caves in the Jaintia, Khasi Hills, and Garo Hills Districts and are amongst the longest caves in the world. Of the ten longest and deepest caves in India, the first nine are in Meghalaya. The annual caving expeditions organized by Meghalaya Adventurers Association (MAA) are known as the “Caving in the Abode of the Clouds Project”. MAA is an exclusive organization located in Shillong, has been carrying out annual explorations in association with European speleologists, cavers from India, experts from other regions of the world. The experts during the discussion stated that Limestone and Coal mining is a major threat to the Caves of Meghalaya causing a major collapse of the caves and to save the cave ecosystem in Meghalaya, a policy needs to be developed by the State which at present does not exist.

The IDB- 2023 celebration was also observed at various Districts by the District Nodal Officers (Biodiversity) of the State by involving BMC Members, School Students/Universities and other stakeholders by organizing various activities in conjunction with Mission Life in order to create awareness among the public at large for biodiversity conservation.

Addressing the gathering Shri. S.M.A. Razi, IRTS, Commissioner & Secretary to the Government of Meghalaya, Forest and Environment Department cum Chairman, Meghalaya Biodiversity Board as the Chief Guest of the day highlighted the context as to why we need to conserve, protect and develop biological resources and avail opportunities created by Biological Diversity Act 2002. He also drove home the point that we need to preserve and conserve pristine and ecologically important Umiam Lake and all such other places which we share with other life form as a matter of duty instead of being compelled by authorities concerned or the Hon'ble Courts for that matter.



Addressing the gathering as Chief Guest, Shri. S.M.A. Razi, IRTS, Commissioner & Secretary to the Government of Meghalaya, Forest and Environment Department.

Few Pictures during the Celebration of International day for Biological Diversity:



Award of Appreciation to the District Nodal Officer(Biodiversity) by the Chief Guest, Shri. D P Wahlang, IAS, Chief Secretary to the Govt. of Meghalaya



Award of Appreciation to the District Nodal Officer(Biodiversity) by the Chief Guest, Shri. D P Wahlang, IAS, Chief Secretary to the Govt. of Meghalaya



Releasing of Poster “Grass Species of Economic Value in Meghalaya” by the Dignitaries



Releasing of the “ Annual Report 2021-2022” & Translated version (Garo & Khasi) of BHS Pamphlets of MBB by the Chief Guest & Dignitaries.



Releasing of the poster “Wild Edible Fruits of Khasi and Jaintia Hills” by the Chief Guest & Dignitaries.



Releasing of the posters “Some of the new vertebrate faunal species described from Meghalaya during 2020-23” by the Chief Guest & Dignitaries.



Shri. Daphring Songthiang of Khwad BMC Mawkynew Block surrender his licensed Gun which he used for hunting



Awarded for Best BMC by the Chief Guest D. P. Wahlang, IAS Chief Secretary of Meghalaya along with the Commissioner & Secretary (Forest & Environment)



Prize distribution to the winners of Photography Competition by Shri. R S Gill, IFS PCCF & HoFF



Prize distribution to the winners for Online Quiz competition by Shri. Syed Md A Razi, Chairman, Meghalaya Biodiversity Board



Neha Dara, Head Round Glass Sustain addressing the audience



Pledge (LiFE) taken by the participants on the Occasion of IDB , 2023

**WINNERS OF PHOTOGRAPHY COMPETITION CONDUCTED BY
MEGHALAYA BIODIVERSITY BOARD ON THE OCCASION OF
INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY 2023**



1st prize: Remarkables on Puwein
Location: Mawkawah, Nongstoin



2nd prize: Ialamphang Lyngdoh
Location: Nongkhyllam Wildlife Sanctuary



CELEBRATION OF INTERNATIONAL DAY FOR BIOLOGICAL 2023 IN OTHER DISTRICTS OF MEGHALAYA

I. Ri-Bhoi District: The International Day for Biological Diversity was observed in Ri-Bhoi District by the Range Forest Officer, Social Forestry Range Nongpoh, Ri-Bhoi District with active participation from School Students and BMC Members.



II. East Jaintia Hills District: An awareness programme was organized by the District Nodal Officer (Social Forestry), Khliehriat, East Jaintia Hills, with active participation from School Students and BMC Members.



III. West & South West Khasi Hills District: The office of the Divisional Forest Officer, Social Forestry & Territorial, West & South West Khasi Hills under the supervision of the Office of the Range Forest Officer, Mawkyrwat Range organized the International Day for Biological Diversity 2023 at The Rev. J.J.M Nichols Roy Memorial Secondary School, Nongstoin and was attended by the Officials and staff of the office of the Divisional Forest Officer, Social Forestry & Territorial Division, West & South West Division, The Teachers and School Students of JJM Nichols Roy Memorial Sec School, Officials from the office of BDO C & RD Block Nongstoin, Chairman and Members of Pormawlai BMC.



IV. North Garo Hills District: As part of the International Day for Biological Diversity 2023 the Event was also organized by the District Nodal Officer, Gogol North Garo Hills District, with active participation of School Students and BMC Members.



V. East Garo Hills District: The International Day for Biological Diversity 2023 was also organized by the District Nodal Officer Rongjeng ,East Garo Hills District, with active participation of School Students and BMC Members.



AWARENESS CAMPAIGNS DURING THE YEAR 2023-2024

Fifteen Awareness Campaigns were conducted by MBB during the year 2023-2024 at Block Level in different Districts of the State on the Provisions of the Biological Diversity Act, 2002 in collaboration with the Office of the Block Development Officers concerned. The list of various awareness campaigns conducted at different places are as follows:

Sl. No	Date	Place	Block	District
1	12/05/2023	Bhoirymbong Block Office	Bhoirymbong	Ri-Bhoi
2	05/06/2023	Lawmei Community	Sohiong	East Khasi Hills
3	27/06/2023	Mairang Block Office	Mairang	West Khasi Hills
4	28/06/2023	Nongstoin DC Office	Nongstoin	West Khasi Hills
5	30/06/2023	Thadlaskein Block Office	Thadlaskein	West Jaintia Hills
6	04/06/2023	Shella Bholaganj Block Office	Shella Bholaganj	East Khasi Hills
7	28/07/2023	Amlarem Block Office	Amlarem	West Jaintia Hills
8	18/08/2023	Mawshynrut Block Office	Mawshynrut	West Khasi Hills
9	25/08/2023	Bajengdoba Block Office	Bajengdoba	North Garo Hills
10	29/11/2023	Kharkutta Block Office	Kharkutta	North Garo Hills
11	04/12/2023	Betasing Block Office	Betasing	South Garo Hills
12	15/12/2023	Rongjeng Block Office	Rongjeng	East Garo Hills
13	15/02/2024	Zikzak Block Office	Zikzak	South West Garo Hills
14	16/02/2024	Rerapara Block Office	Rerapara	South West Garo Hills

FEW PICTURES OF AWARENESS PROGRAMMES CONDUCTED BY MBB

Mawshynrut Block



Thadlaskein Block



Betasing Block



Rongjeng Block



Mairang Block



Kharkutta Block



Zikzak Block



Bhoirymbong Block



EXHIBITIONS:

The Board participated in various exhibitions during the year to showcase its initiatives and achievements.

1. National Science Day Celebration 2023



2. Valedictory Function (Wildlife Week 2023):

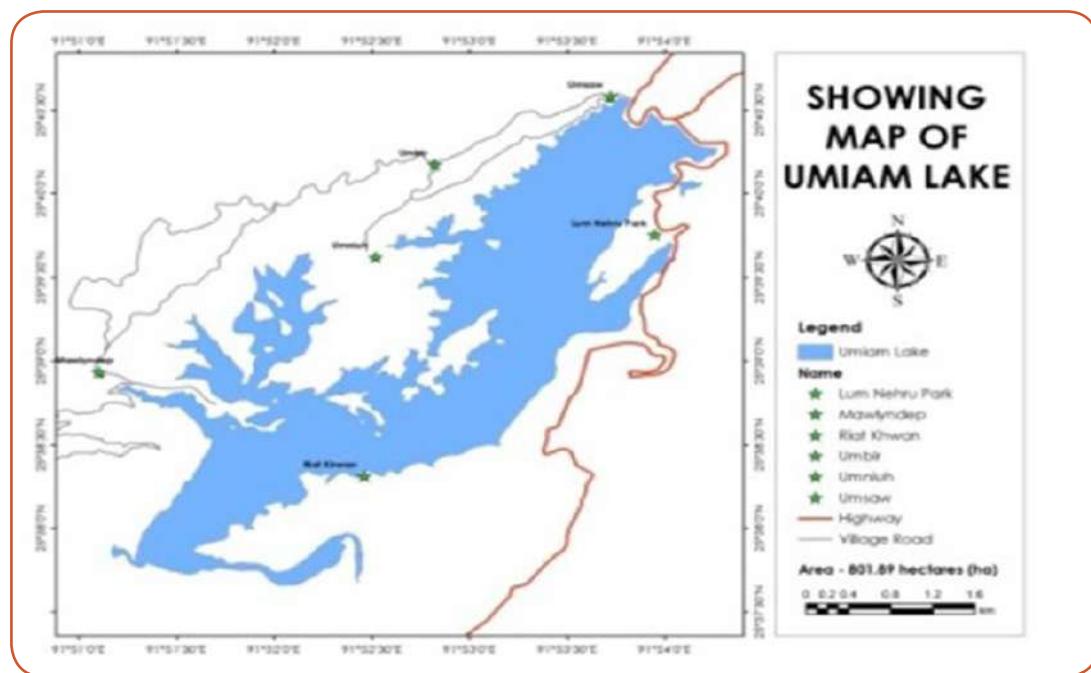


ASIAN WATER BIRD CENSUS:

The Asian Waterbird Census was conducted in collaboration with the Office of the Khasi Hills Wildlife Division, Forest Department on 2nd February, 2024. The Census was simultaneously carried out at five (05) sites viz. Umsaw, Umbir, Umnih, Mawlyndep and Umiam, thereby, covering the wetland areas of Umiam Lake, Ri-Bhoi District, Meghalaya with the support and guidance from professional experts, Technical staff of Meghalaya Biodiversity Board and the Technical and Field staff from the Forest Department. The BMC members also participated enthusiastically during the exercise. The experts who guided during the entire exercise were Smti. H. Lato, IFS, DFO Social Forestry Division, East Khasi Hills, Shillong; Shri. M. Kharsyntiew, MFS, Assistant Conservator of Forests; Dr. Dipankar Lahkar and Shri. Pranjal Deka from Aranyak, Assam. During the exercise a total of 155 waterbirds comprising of 13 species were identified and counted.



Smti. H. Lato, IFS, DFO Social Forestry Division, East Khasi Hills, Shillong; Shri. M. Kharsyntiew, MFS, Assistant Conservator of Forests, Dr. Dipankar Lahkar and Shri. Pranjal Deka from Aranyak, Assam Participated during the Waterbird Census 2023.



Umiam Lake Map showing the counting sites

FEW IMAGES OF WATERBIRD SPECIES SIGHTED



Oriental darter
(*Anhinga Melanogaster*)



Indian Pond Heron
(*Ardeola Melanogaster*)



Little Grebe
(*Tachybaptus ruficollis*)



Red-wattled Lapwing
(*Vanellus indicus*)



Indian Pond Heron
(*Ardeola grayii*)



Little Ringed Plover
(*Charadrius dubius*)



Intermediate Egret
(*Ardea intermedia*)



Great Cormorant
(*Phalacrocolax carbo*)

NATIONAL AYURVEDA DAY - 2023:

National Ayurveda Day, 2023 was organised by 5 (San) Shnong BMCs (Phlangwanbroi, Kenbah Malai, Mawsawa, Mawkasain and Mawrapat of Hima Malai Sohmat) in collaboration with Meghalaya Biodiversity Board on 8th November 2023, with great enthusiasm and commitment in promoting the traditional wisdom of Ayurveda. The theme for this year is, “**Ayurveda for One Health**”, emphasized the holistic and integrated approach to health and well-being rooted in ancient Ayurvedic Principles.



MISSION LIFE (MERI LIFE):

Mission LiFE or Lifestyle for Environment, is a global initiative launched by India to promote sustainable living and climate-conscious behavior. It was introduced by Prime Minister Narendra Modi at COP26 in Glasgow in 2021 and officially launched with UN Secretary-General António Guterres in 2022.

The core idea of Mission LiFE is to encourage individuals to adopt simple yet meaningful changes in their daily lives to reduce waste and protect natural resources. Instead of a “use-and-dispose” culture, it promotes “reduce, reuse, and recycle.” By making small choices like saving electricity, reducing plastic use, conserving water, or using public transport—everyone can become a “Pro-Planet Person.”

Mission LiFE reminds us that climate action is not only the responsibility of Governments but also of every individuals. Together, through conscious lifestyle choices, we can create a healthier, greener, and more sustainable planet for future generations.



JANJATIYA GAURAV DIVAS:

On the occasion of Janjatiya Gaurav Divas 2023, Meghalaya Biodiversity Board organized a Nature Walk cum Awareness Programme for College Students on the 21st of November, 2023, at Mawphlang Sacred Grove.



RASHTRIYA POSHAN MAAH:

Meghalaya Biodiversity Board in collaboration with North East Slow Food & Agrobiodiversity Society (NESFAS), Shillong organized and conducted a one-day awareness program cum workshop on the theme “Adopting Sustainable Food Systems in Promoting Millets and Poshan Vatikas”. Three BMCs namely Mawlum Mawjakhsew, Mawkade and Mawkamoid participated in the workshop. The program was held on the 29th September, 2023 at the Community Hall of Mawlum Mawjakhsew, Mawthadraishan Block, Eastern West Khasi District, Meghalaya. A total of 48 participants took part actively in the Workshop representing all the three BMCs.



TRAINING PROGRAMME ON SUSTAINABLE USE AND CONSERVATION OF BIODIVERSITY WITH SPECIAL REFERENCES TO THE IMPLEMENTATION OF BIODIVERSITY ACT

A training programme on sustainable use and conservation of biodiversity with special reference to the implementation of the Biological Diversity Act, held on 6th February, 2024 at SIRD Meghalaya was organised by the National Institute of Rural Development Panchayati Raj, Hyderabad in collaboration with State Institute of Rural Development (SIRD). The Programme was attended by Officials from the Forest Department and representatives from various Line Departments.



SITE VISIT TO LAITSOHPLIAH, LAITKROH KHATARSHNONG BLOCK, EAST KHASI HILLS:

A field visit to Laitsohpliah village, located in Laitkroh Khatarshnong Block, East Khasi Hills District, as part of the Training Programme on “Strategies for Planning and Implementation of Carbon Neutral Villages”.



PEER TO PEER VISIT OF MIZORAM BIODIVERSITY BOARD:

Meghalaya Biodiversity Board along with the team from Mizoram Biodiversity Board visited three BMCs namely Mawlai kynton Massar BMC, Khliehshnong BMC and Plangwanbri BMC from 31st January to 2nd February, 2024 as part of a Peer to Peer Learning Exchange with these BMCs.



Visit to Phlangwanbri BMC, Mawsynram Block, East Khasi Hills District



Visit to Mawlai Kynton Masar BMC, Mawlai Block, East Khasi Hills District



Visit to Khliehshnong BMC, Shella Bholaganj Block, East Khasi Hills District

WORLD ENVIRONMENT DAY (WED) 2023:

Tree Plantation Programme was organised by 5 (San) Shnong BMCs - Phlangwanbroi, Kenbah Malai, Mawsawa, Mawkasain, and Mawrapat of Hima Malai Sohmat during World Environment Day Celebration (WED) 2023, in collaboration with Meghalaya Biodiversity Board and Botanical Survey of India (BSI).



FEW ACTIVITIES DURING THE CELEBRATION OF WORLD ENVIRONMENT DAY (WED) 2023:

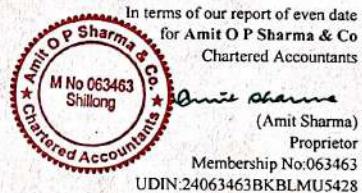


MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED MARCH 31ST, 2024

Receipts	Amount	Payments	Amount
To Opening Balance:			
Cash at Bank:			
SBI A/c No. 32375460838	253177920.36	As Per Schedule A	3251055.00
SBI A/c No. 40087138394	92574.50	a) Revenue Expenses	
	253270494.86	b) Capital Expenses	
			3251055.00
Cash in Hand:	4616.00		
To Funds Received			
Grant in Aid Received From National Biodiversity Authority, Chennai	2135000.00	By State Plan Expenses:	
		As Per Schedule B	
		a) Revenue Expenses	127614711.00
Funds Received From State Government	7948555.00	b) Capital Expenses	24104.00
			127638815.00
To Other Income:			
Bank Interest		By Closing Balance :	
SBI A/c No. 32375460838	4265179.00	Cash at Bank:	
SBI A/c No. 40087138394	2927.00	SBI A/c No. 32375460838	136625636.36
		SBI A/c No. 40087138394	126621.50
Sale Of Book	31120.00	Cash in Hand:	136752257.86
			15764.00
Total Rs.	267657891.86	Total Rs.	267657891.86

Place : Shillong
 Date: 19.10.2024



Member Secretary
 Meghalaya Biodiversity Board

Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIHERE: SHILLONG

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED MARCH 31ST, 2024

Expenditure	Amount	Income	Amount
To National Biodiversity Authority Expenses:		By Grant in Aid received from National Biodiversity Authority, Chennai	3251055.00
As Per Schedule A			
a) Revenue Expenses	3251055.00		
b) Capital Expenses	-	Funds Received from State Government	127614711.00
To State Plan Expenses:		Sale of Book	31120.00
As Per Schedule B			
a) Revenue Expenses	127614711.00	By Bank Interest:	
To Depreciation	132450.00	SBI A/c No. 32375460838	4265179.00
		SBI A/c No. 40087138394	2927.00
* Surplus (Excess of Income over Expenditure)	4166776.00		
Total Rs.	135164992.00	Total Rs.	135164992.00

Place: Shillong
 Date: 19.10.2024



In terms of our report of even date
 for Amit O P Sharma & Co.
 Chartered Accountants
 Amit Sharma
 (Amit Sharma)
 Proprietor
 Membership No:063463
 UDIN:24063463BKBLMU5428

[Signature]
 Member Secretary,
 Meghalaya Biodiversity Board

[Signature]
 Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING; LOWER LACHUMIERE; SHILLONG

BALANCE SHEET AS AT 31.03.2024

<u>Liabilities</u>		<u>Amount</u>	<u>Assets</u>	<u>Amount</u>
Capital Fund Account			Fixed Assets	
Opening Balance	10230865.36		As per Schedule 'C'	
Add: Surplus for the year	4166776.00	14397641.36		759035.00
GRANT FUND:				
1. National Biodiversity Authority			Cash at Bank	
Opening Balance	2413052.00		SBI A/c No. 32375460838	136625636.36
Add: Received during the year	2135000.00		SBI A/c No. 40087138394	126621.50
Less: Utilised During the Year	4548052.00			
(Schedule 'A')	3251055.00	1296997.00	Cash in Hand	15764.00
2. State Plan				
Opening Balance	241498574.50			
Add: Received during the year	7948555.00			
Less: Utilised During the Year	249447129.50			
(Schedule 'B')	127614711.00	121832418.50		
Total Rs.		137527056.86	Total Rs.	137527056.86

Place: Shillong
 Date: 19.10.2024



In terms of our report of even date
 for Amit O P Sharma & Co.
 Chartered Accountants
 Amit Sharma
 (Amit Sharma)
 Proprietor
 Membership No:063463
 UDIN:24063463BKBLMU5428

[Signature]
 Member Secretary
 Meghalaya Biodiversity Board

[Signature]
 Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

SCHEDULE FORMING PART OF FINANCIAL STATEMENTS 31.03.2024

SCHEDULE A NATIONAL BIODIVERSITY AUTHORITY EXPENSES 2023-24		
SI No	Particulars	Amount
1	Salary	1295500.00
2	Arrears	204000.00
3	Financial Assistance For Celebrating International Day For Biological Diversity:	5000.00
4	Expenses On Celebrating International Day For Biological Diversity	247555.00
5	Expenses Of Preparation Of People's Biodiversity Register	185000.00
6	Financial Assistance for preparation of People's Biodiversity Register	1134000.00
7	Start up fund for formation of Biodiversity Management Committee (3)	180000.00
	TOTAL	3251055.00



[Signature]
Member Secretary
Meghalaya Biodiversity Board

[Signature]
Chairman
Meghalaya Biodiversity Board
Shillong, Meghalaya

MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING: LOWER LACHUMIERE: SHILLONG

SCHEDULE FORMING PART OF FINANCIAL STATEMENTS 31.03.2024

SCHEDULE B STATE EXPENSES 2023-24		
SI No	Particulars	Amount
A)	Salary component:	
	a) Salary	2667488
	b) Arrears	863000
	c) Wages	85167
		3615655
B)	Non Salary Component:	
1.	Allowance	
	a) Travelling	58156
2.	Office Expenses	
	a) Stationery	36047
	b) Telephone Bill	9162
	c) Honorarium and sitting fee	91000
	d) General Expense	92502
	e) POL	35870
	f) Awareness Program (NESFAS)	15200
	g) Vehicles Expenses	89883
	h) Repair & Maintenance	6720
	i) Accommodation	17000
		393384
3.	Office Equipment ,Furniture & Maintenance	
	i) Purchase of :	
	a) Steel rack and repairing work	12304
	b) Monitor	11800
		24104
4.	Minor Works	
	a) Publishing of annual report	88704
	b) Printing of t-shirt	15000
	c) Printing of leaflets	5900
	d) Advertisement	14175
	e) Peoples Biodiversity Registered financial assistance	2000
	f) Asian Waterbirds Census	12330
	g) Interest accrued transferred to NBA	8253
		146362
5.	Major Works :	
	a) Awareness Programme for BioDiversity Management Committee	150965
	b) Financial assistance for Biodiversity Heritage Sites	50000
	c) Forest survey and mapping	122668207
	d) BMC start up fund	60000
	e) Project implementation Prof K.Choudhary	37600
	f) GIZ project (advance)	10000
	g) International Day for Biodiversity Financial assistance	360000
	h) International Day for Biodiversity expenses	64382
		123401154
	TOTAL	127638815

Member Secretary
 Meghalaya Biodiversity Board

Chairman
 Meghalaya Biodiversity Board
 Shillong, Meghalaya



MEGHALAYA BIODIVERSITY BOARD
SILVICULTURE BUILDING, LOWER LACHUMIERE, SHILLONG

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31.03.2024

SCHEDULE C: FIXED ASSETS

Sl No	Particulars	Gross Block			Depreciation			Net Block	
		Opening Balance	Addition during the year		Rate	Opening balance	For the Year		
			Before 30th Sept	On or after 30th Sept					
1	Furniture	75697.00	-	12304.00	0.00	769281.00	10%	332355.00	
2	Computer & Peripherals	439041.00	11800.00	-	0.00	450841.00	40%	369927.00	
3	Office Equipments	637359.00	-	-	0.00	637359.00	15%	456415.00	
4	Books	132456.00	-	-	0.00	132456.00	20%	113320.00	
5	Vehicle	688605.00	-	-	0.00	688605.00	15%	515040.00	
	Total	2654438.00	11800.00	12304.00	0.00	2678542.00	-	1787057.00	
						132450.00		1919507.00	
								759035.00	



Member Secretary
Meghalaya Biodiversity Board

Chairman
Meghalaya Biodiversity Board
Shillong, Meghalaya

