A PEOPLE'S BIODIVERSITY REGISTER (PBR) OF MUNGIAKAMI R.D. BLOCK, TRIPURA, INDIA



PEOPLE BIO-DIVERSITY REGISTER (PBR)

MUNGIAKAMI RD. BLOCK

Prepared by

DOPHA HAMKWRAI BODOL

TULASIKHAR, KHOWAI(DIST)

Resources Persons:

- 1) Baptosh Debbarma(B.Sc, Agri)
- 2) Mantonu Debbarma(Forestry)
- 3) Bapi Debbarma(M.Sc, Botany)

Chapter-1

(Part-I)

- 1.1 Introduction
- 1.2 Importance places with meaning
- 1.3 Biodiversity Concept and relevance
- 1.4 –BMC Detail
- 1.5 Awareness programme and PRA
- 1.6 Data Collection picture

Page:- 1- 109

Chapter - 2

- 2.1 Block Administrative Building
- 2.2 Population details
- 2.3 At a glance of Mungia Kami R.D Block
- 2.4 Importance market under Mungia Kami R. D Block
- 2.5 Importance Educational Institution under Mungia Kami Block
- 2.6 Landscape of Mungiakami R.D Block
- 2.7 Picture of domestic animal

Page:- 110 - 143

Chapter - 3

- 3.1 Herbarium
- 3.2 Big Plants with Scientific name
- 3.3 Ornamental Flower with Scientific name
- 3.4 Fruits with Scientific name
- 3.5 Medicinal plants under Block area
- 3.6-Kitchen Garden
- 3.7 Bamboo with scientific name

Page:- 144 - 266

Chapter - 4

4.1 –Orchid	
4.2 –Fishes	
4.3 –Insects	
4.4 - Mushroom	
	Page:- 267 – 270
Chapter - 5	
5.1 – Case Study of Mungiakami R.D Blcok	
	Page:- 271 – 284
Chapter - 6 (Part - II)	
6.1 – PBR Format	
6.2 - Reference	
	Page:- 285 – 335

1.1 Introduction

Mungiakami is a Block in Khowai District of Tripura State, India. Mungiakami Block Head Quarters is nearby Mungiakami railway station. About 300 metre from the railway station. It is located 45 KM towards South from District head quarters Khowai. 51 KM from State capital Agartala towards west. Mungiakami Block is bounded by the Teliamura Block towards west , Kalyanpur Block towards West , Ambassa Block towards East , Khowai Block towards North . Khowai City , Jogendranagar City , Indranagar City , Pratapgarh City are the nearby Cities to Mungiakami. It is in the 116 m elevation(altitude) . This Place is in the border of the West Tripura District and Dhalai District. Dhalai District Ambassa is East towards this place. Ambassa, Agartala , Kailashahar , Unakoti , Mamit are the near by Important tourist destinations to see. There were 12 ADC villages in the block.

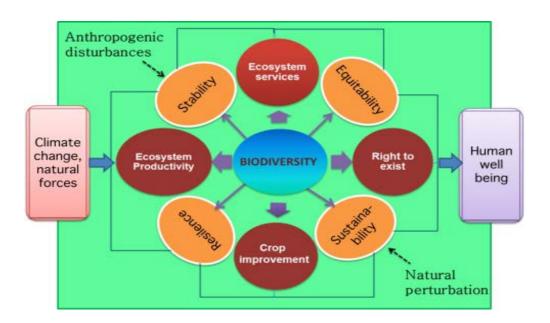
1.2 Name of various places of Mungia Kami R.D. Block:-

- 1. Uttar Maharanipur:- This is north part of the stream of Marani
- 2. Dakhin Maharanipur: This is south part of the stream of Marani
- 3. Haludia:- Earlier days there are lots of Aladia (Local Name) bird available
- 4. Kakra Chhara:- The name was given based on the crabs stream. The stream is running through the village. Kakra means crabs and Chhara means stream
- 5. Nuna Chhara:- This title was given based on the salt water stream. Nuna means salt and chhara means stream.

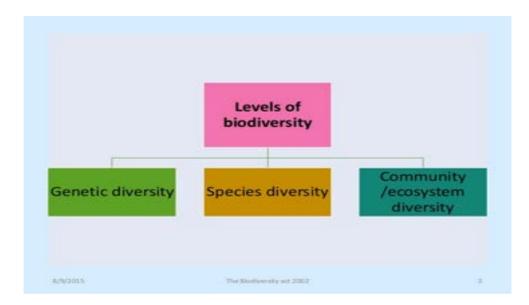
<u>1.3 Biodiversity Concept and Relevance</u>

What is biodiversity?

Biodiversity, also called **biological diversity**, the variety of <u>life</u> found in a place on <u>Earth</u> or, often, the total variety of life on Earth. A common measure of this variety, called <u>species richness</u>, is the count of <u>species</u> in an area.



Level of Biodiversity



Genesis of Biodiversity Law

A look at the provisions and regulations issued under this Act that came into force entirely in 2004 mainly to give effect to the UN Convention on Biological Diversity held at Rio De Janeiro in 1992...

Major steps Government of India on Biodiversity Law

India in 2002 enacted the Biological Diversity Act, 2002 (BD Act) that came into force entirely in 2004 primarily to give effect to the United Nations Convention on Biological Diversity (CBD) held at Rio De Janeiro in 1992. India signed the CBD on June 5, 1992; ratified the Convention on February 18, 1994; and became a party to the same on May 19, 1994.

Major steps Government of Tripura on Biodiversity Law

Tripura Biodiversity Board (TBB) has been constituted in the State vide No.F.8(31)/A/For-WL/98/Part-II/7,309-40 Dated: 16th June,2008,in pursuance to the provisions of the Biodiversity Act, 2002 of Government of India.

Sl No	Designated	Designation	
	Chief Secretary, Govt. of tripura, Forest Department	Chairperson	
	Principal Chief Conservator of Forests, Govt. of tripura	Ex-Officio Member	
	Commissioner & Secretary, Deptt of Agriculture, Govt. of tripura	Ex-Officio Member	
	Commissioner & Secretary, Deptt of Animal Resource Development Deptt, Govt. of tripura	Ex-Officio Member	
	Commissioner & Secretary, Deptt of Fisheries, Govt. of tripura	Ex-Officio Member	
	Commissioner & Secretary, Deptt of tribal Welfare, Govt. of tripura	Ex-Officio Member	
	Additional Principal Chief Conservator of Forests, Govt. of tripura	Member Secretary	

Where to form B.M.C?

Every local body shall constitute a Biodiversity Management Committee within its area of jurisdiction. Accordingly, Biodiversity Management Committees are to be constituted at all Panchayats, Municipalities and Corporations.

What are the processes of formation of B.M.C?

As per the Act, the local bodies constitute the BMC in accordance with Section 41, within their area of jurisdiction for the purpose of promoting conservation, sustainable use and documentation of biological diversity including preservation of habitats, conservation of land races, folk varieties and cultivars, domesticated stocks and breeds of animals, micro-organisms and chronicling of knowledge relating to biological diversity. The BMC consists of a Chairperson, and six persons nominated by local bodies, including 1/3rd women and 18% SC/ST.

The functions of BMCs are as under:

- 1. Prepare, maintain and validate People's Biodiversity Register (PBR) in consultation with the local people. The BMC is to maintain a Register giving information about the details of biological resources and traditional knowledge available within the jurisdiction of BMC.
- 2. Advice on any matter referred to it by the State Biodiversity Board or Authority for granting approval, to maintain data about the local vaids and practitioners using the biological resources.

How to form B.M.C?

People's Biodiversity Registers: The Register of the people, by the people and for the people.

What are the major threats to Biodiversity?

- 1. Habitant destruction/ deforestation.
- 2. Introduced and invasive species.
- 3. Genetic pollution.
- 4. Over exploitation.
- 5. Hybridization.
- 6. Climate Change.
- 7. Diseases.
- 8. Human over population.

Objectives of the People Biodiversity Register

Conservation and Management

- 1. Sustainability of Biological resources used by $local_{\overline{w}}$ people.
- 2. PBR addresses the major objectives of BD Actconservation, sustainable use, $ABS\varpi \&$ safeguarding Traditional Knowledge?
- 3. Linking PBR with management plans of Biodiversity^π Management Committees (BMCs).
- 4. Mainstreaming of BD issues-Linking PBR to planning ϖ process of Local bodies and Working Plans
- 5. Income Generating Groups linkage in PBR_a Using PBR for securing livelihoods_a
- 6. Focus on conservation of Threatened species. ϖ

Reasons for Global Warming



Population Exploitation



Deforestation



Industries



Water Exploitation



Agricultural land expansion



Global Warming Logo

Global Warming Probable ill effect in India

The latest report of the UN's Intergovernmental Panel on Climate Change (IPCC), formally released on Monday, warns that global warming is occurring faster than anticipated and that it can have devastating impacts if steps are not taken to cut down emissions.

India will be among the worst hit countries that may face wrath of calamities like floods and heat waves, and reduced GDP.

Human activities have already raised the global temperature by one degree centigrade compared to the pre-industrial levels. The global warming is now likely to reach 1.5 degree between 2030 and 2052 if it continues to rise at the current rate, the Special Report on Global Warming of 1.5 degree C has warned.

The report has been prepared in response to an invitation from the United Nations Framework Convention on Climate Change (UNFCCC) when it adopted the Paris Agreement in 2015. The report will provide key scientific inputs to government leaders when they meet in Poland in December to review the Paris Agreement.

In terms of impacts of global warming, the report notes that the world is already witnessing the consequences of 1 degree global warming in the form of extreme weather events, rising sea levels and diminishing Arctic sea ice. There will be long-lasting or irreversible changes like the loss of some ecosystems if the temperature rises further.

Dr. Roxy Mathew Koll, a scientist at the Pune-based Indian Institute of Tropical Meteorology who was one of the reviewers of the special report, said South Asia, particularly India, Pakistan and China are hotspots in a warming world. All climate projections point out that these regions will be exposed to multiple and overlapping hazards at even 1.5 degree rise. The impacts will include intensified droughts and water stress, heatwaves, habitat degradation, and reduced crop yields.

"The report shows that if the global temperature increase goes up to 2 degree C instead of 1.5 degree C, the largest impact on economic growth will be (reduced GDP) on countries like India, and those in southeast Asia and Africa," Dr Koll said while speaking to India Science Wire.

11

Floods of all kinds - riverine floods, those due to snow melt and coastal flooding due to sea level rise - are increasing, and are projected to increase further. "Both the intensity and area affected by floods due to extreme rains and snow melt contribution are projected to increase over India.

More than 50 million people in India would be directly affected by sea level rise and associated coastal flooding," Dr Koll added.

Other weather events will also change in frequency and intensity. For instance, he said, there is an increasing frequency of cyclones over the Arabian Sea their number is a decreasing in the Bay of Bengal. However, the ratio of severe cyclones to cyclones is increasing in the Bay of Bengal. Another impact may be the shortage of fish-based protein in the Indian Ocean due to rapid degradation of key ecosystems such as coral reefs, seagrass and mangroves and factors like pollution, overfishing, unsustainable coastal development.

Extreme heatwaves too could be the new normal in India. "One of the most robust impacts is going to be related to temperature, which to a certain extent, we have started witnessing in India," pointed out Dr Vimal Mishra of Indian Institute of Technology Gandhinagar, whose research work on heatwaves in India has been cited in the report.

"There will be manifold increase in the severe heatwave frequency and population affected in India if the global mean temperature rises to or beyond 1.5 degree by the end of the century.

The other most noticeable impacts are likely to revolve around the projected rise in mean and extreme temperature in India, which certainly will affect agriculture, water resources, energy, and public health sectors," Dr Mishra explained while speaking to India Science Wire.

Dr Raghu Murtugudde, professor of atmospheric and oceanic science and earth system science at the University of Maryland, said "whatever is the warming level, India is special. The monsoon is diminished by ice ages and global warming also has done the same. But this was most likely related to pollution (aerosols) under global warming. So India needs to focus on improving air quality which can deliver returns in health and productivity as well as the recovery of monsoon." The efforts should include reforestation which would reduce the impact of extreme events fueled by warming of the surrounding oceans and neighbouring lands.

12

To limit global warming, countries will have to change policies in sectors like land, energy, industry, buildings, transport, and urban development. "Limiting global warming to 1.5 degree compared with 2 degree would reduce challenging impacts on ecosystems, human health and wellbeing, making it easier to achieve the United Nations Sustainable Development Goals," said Priyardarshi Shukla, Co-Chair of IPCC Working Group III.

1.4 B.M.C details of Mungiakami R.D. Block

Atharmura B.M.C

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Atharmura ADC Village

Taluk: Atharmura

District: Khowai

State: Tripura

Geographical Area of the ADC village:

Population under the ADC Village:

Total: 3157 Male Female

Habitat and Topography: Atharmura is mainly hilly inhabitant area.

Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Uttam Kumar Debbarma Age: 42
 Gender: Male
 Address: Shibcharan para
 Area of specialization: Agriculture

2) Name: Banermala TripuraAge: 58Gender: FemaleAddress: Tripura BastiArea of specialization: Farming

3) Name: Menuka Debbarma Age: 27Gender: FemaleAddress: 43 Miles paraArea of specialization: Farming

4) Name: Samendra Debbarma Age: 42Gender: MaleAddress: 43 Miles paraArea of specialization: Agriculture

5) Name: Durbasa Reang Age: 41 Gender: Male Address: Biladhan para Area of specialization: Agriculture

6) Name: Kishore DebbarmaAge: 55Gender: MaleAddress: 43 Miles paraArea of specialization: Agriculture

7) Name: Jiten DebbarmaAge: 40Gender: MaleAddress: 45 Miles paraArea of specialization: Agriculture

8) Name: Ganga Charan Debbarma Age: 49Gender: MaleAddress: Atharmura paraArea of specialization: Agriculture

B.M.C Resolution

FORMATION OF BICOWERSTY MARAGEMENT COMMITTEES AT ALL ACCASES PRIACE COUNCE. ÷,

m 35 on acterion.

THE Attionance owner Kbasias Tripping . Nome of Village Council ______ [1] [David millings_____

The Willage Council meeting was hard on <u>DP</u> (201) (2019) at 11 Addition (DBPR) in Willage Council Office, under the Chemmanitap of Southers Will Otton KX. 24 (Council to A. The president, and with the consent of all the members. Backwards Management Committee was forward under Section 41(1) of Biological Orientity Act 2000 and Rule 21 of Biological Oversity fulnes 2004 and Rule 24(b) of Tripues Biodiversity Rules 2006. For the period of Univer-

Details of Committee Members

 $\mathbb{P}^{n_{i}} \in \mathbb{Q}$

	31 Php.	Full Name and Address	Acr	Catalgory -	Signature
٠	į.Ε	Shike Kumon Sekhours	42	Ogivean	Uttom Kymer Dollharow
	<u>a</u> _	Banerinala Trisporia	58	Womay Member	alta muer Que
	3	Wernike de harmon	2-7	Woman Member	Manuka 3 (3
	4	Samendra dettaring	42	SC/ST Member	Sama Sin Horm
	5	Diladia Como tona	41	Member	Same wiels
	6	Kickine Beldoing	.55	Mereker	Kishon Rebours
1.000	- 7 -	With Oct Arnes	40	Menker	Jiten Deb browner
	*; 	VLPUP ABBOLATOWN V/C	49	Member Secretary	Gomas Charan Debrinamo

The Budheesity Management Committee will be responsible for.

- Conservational and sustainable willisation of bio resources within its area of purisdiction. S. . .
- Vocal implifactors of this resources within its area of persolution.
 Jose implifactors of this resources within its area of persolution.
 Furn-shing opinion to National Bodiversity Authority, Chennel and Tripura Biodiversity Board on weight
- va subjects as and when required. 4. Levying charges by way of collection of fees for accessing/collecting bio-resources for commercial purpose within its
- area of kariadiction, as per gct.

 $d^{*}_{i}d^{*}_{i}$

 \mathcal{L}^{n}

- Maintain data about the all values and practitionizy using Motogical resources.
 Maintain register containing information about details of access of biological resources and traditional knowledge gramers, whip is of cullection of the improved and details of browing denimed and mode of their starring.
- The Booliversity Management Committee will also be involved in documentation of biodiversity and essociated 8. Weiklers of knowledge.
- Me-apprent and use of Body-ersity field as per guideline's provided by the National Biodiversity Authority and 8. Trippe's 'tipdiversity Board from time to time.

Separature of Contract - Prepident

e

Uttam Kumme Stobbatemet

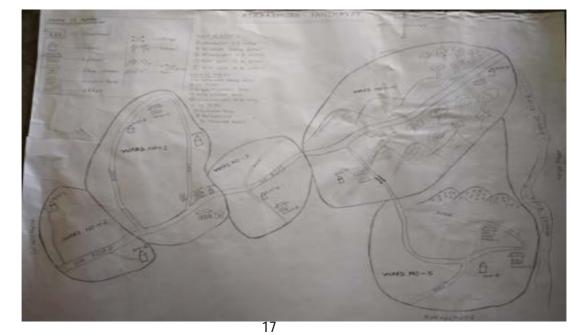
Signature of Village Council Secretary/Member of the Permanent establishment

Atharamura Village Committee Munglakami R.D. Block Talana

Account Detail

ত্রিপুরা গ্রামীণ ব্যাঙ্ক	TRIPURA GRAMIN BANK
ABBRE	VIATIONS
 Cash : Cash Clg. : Clearing Thr. : Transfer Dtt. : Draft D.W. : Dividend Warrant 	6. Int. : Interest 7. Com. : Commission 8. P&T : Postage & Telegraph 9. BC : Bankers Cheque 10. Chgs : Other Charges
NOMINATION REGISTERED : (Y / N) ट्राइक साथ आकडिक नाम की / SA MURO TAKAM Dat stiste मरथा। / Customer ID नाम / Name (s) :	Ings BANK ACCOUNT PASS BOOKICS
Therm / Address * BIO DIVERSITY I seemen Fefe / Mode of OTHARAMURA ADC VILL ATHARAMURA refer / Date : Pin : 799205	and the state of t

PRA Maps



Certificate of People's Biodiversity Register

Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide the ATHABAMURA. ADS. VILLAGE no.05 dt. 3/09/2019 by resolution Biodiversity Management committees (BMC) under the supervision and guidance of DOPHA ... HAMKOJRAL ... B.ODOL a NGO/national supervision of overall under the institution/organization T.RIPURA ... Biodiversity Board. The data has been processed, analyzed and interpreted by .D.O.P.H.A ... HAMIKGURAL ... RODOL. a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

Uttam kr

Honga Chanan Bekaning 2. Secretary of BMC (if appointed) What for Bf Borrey chairman, 19 signotharamitharad D&Gtate Munglakami R.D. Block Khowni Tribura

signature with seal & databge Secretary Atharamura Village Committe Mungiakami R.D. Block Teliamura Trioura

Baptosh Debbarma 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB or Authorized official of SBB

Atharmura BMC office



GPS location- N23.869661 E91.710619

Dakhin Gukul Nagar BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Dakhin Gukul Nagar ADC village

Taluk: Teliamura

District: Khowai

State: Tripura

Geographical Area of the ADC village:

Population under the ADC Village:

Total: 2262 Male Female

Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Suku laxmi Debbarma Age: 45
 Gender: Female
 Address: South Gukul Nagar
 Area of specialization: Farming

2) Name: Rani DebbarmaAge: 36Gender: FemaleAddress: South Gukul NagarArea of specialization: Farming

3) Name: Sara Mala Debbarma Age: 41Gender: FemaleAddress: South Gukul NagarArea of specialization: Farming

4) Name: Ramen DebbarmaAge: 38Gender: MaleAddress: South Gukul NagarArea of specialization: Agriculture

5) Name: Santi Kr. Debbarma Age: 34 Gender: Male Address: South Gukul Nagar Area of specialization: Agriculture

6) Name: Kama mani Debbarma Age: 30Gender: MaleAddress: South Gukul NagarArea of specialization: Agriculture

7) Name: Khushi Manta JamatiaAge: 27Gender: MaleAddress: South Gukul NagarArea of specialization: Agriculture

8) Name: Amal SarkarAge: 46Gender: MaleAddress: South Gukul NagarArea of specialization: Agriculture

BMC Resolution

BAC BAROANTON of D. K. Gratical Bagar village Council

FORMATTON OF BIODIVERSITY MANAGEMENT COMMITTEES AT BUT SALAS VILLAGE COUNCE

600 Ho 2 (1102) Dure 5/5/2019

Name of Village course back shin Granul V.C. - ma Telismures - suna Knowson

52 NG.	Full Name and Address	140	Catégory	Signature
1	Buku Laxin ofBarma	T	Chaliman	buttle lassi Dildiorna
2	Rom Debbanna	-	Womas Member	Romi Helloma
3	Sam Mala stram	-	Woman Member	Worm Iscow
4	Ramen orBanna.		SCAF Mamber	Ramon Debbasma
	Santi Kr. Debbarma		Member	autor wet and the
	Kama Mani Debbarna		Member	Korna Moori OfBern
	Khuzen nonta Janatia		Member	Khushi mante samethe
8	Amal Sovekan	+	Member Secretary	Annal Ganikan

e Biochersity Management Constitute will be responsible for

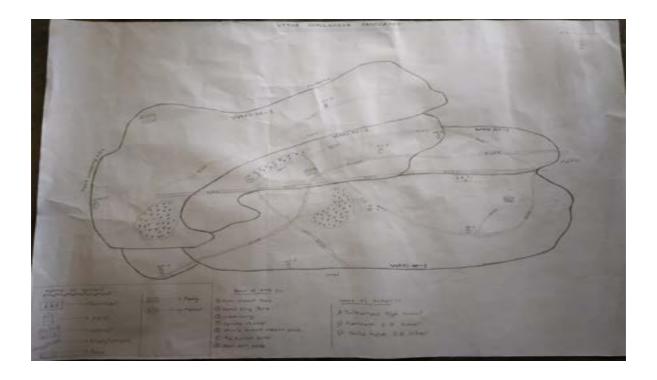
- Conservational and sestainable utilizions of bio resources within its area of parisdiction.
- 2.
- arear origin access on one reportes where its area of persolution. Forwahing opinion to National Biodiversity Authority, Chennar and Tripura Biodiversity Board on various subjects as and when required. 1
- 4. Levying charges by way of collection of fees for accessing/collecting bio-resources for commercial purpose within its
- area of karbdiction, as per act. 5
- area or sanson toon, as per 401. Malestan data about local valoyas and practitioners using biological resources. Malestan register containing --formation about details of access of biological resources and traditional knowledge gramms, vergist of collections of the imposed and details of benefics derived and mode of their sharing. 6
- grammed, designs or contection or the instance and endors or communication of biodiversity and associated The Biodiversity Management Committee will also be involved in documentation of biodiversity and associated Inc. excending management commune and as one worked in documentation of biodiversity and associated traditional knowledge. Management and use of Biodiversity fund as per guideline's provided by the National Biodiversity Authority and Trippers Stediversity Board Form time to himb 7.
- а.

Sulche larmi Deldour Chargemon Dalahin Geuleaga ADC Village Margistani R. D. Biock Showal Tripera

Bank Account detail

ত্রিপু	রা আর্হ	য়াল ব্যাক্ষ			TI	RIPURA GRAMIN BANK
		ABBRE	EVIAT	ION	s	
1	Cash	Cash	6,	Int.		Interest
2	Clg. :	Cleating	7.	Com.		Commission
3.	Th.	Transfer	8.	PAT		Postage & Telegraph
4	DR.	Draft	9.	BC		Bankers Cheque
5,	D.W	Dividend Warrant	10.	Chgs		Other Charges
NOMINATION REGISTE				IFSC		OE UTBIOREDICE
	সেদ্ধিমে ব্যায	analise Hiri de / SAVP	NGS BA	NKAP	50	UNT PASS BOOK
NEW / Name (A) 1	wir ID :		-	II / Acco	ount	No.
Swite / Antreas		BIO DIVERSITY N	ANAGE	HENT		DALTEE BI03011557170 Cuat B1592397
vectors Rife / Modes TERN / Dane		n GARUL BAGAR AD JUN GOKULNAGAR Y 799205		LAGE Frankline	1	

PRA Maps



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide Dakhin Ankal Magon no.06 dt.11/09/2019 by the resolution Biodiversity Management committees (BMC) under the supervision and guidance of DOPHA_HAMKAIRAL___BODOL_____ a NGO/national of supervision overall institution/organization under the .TRIPURA Biodiversity Board. The data has been processed, analyzed and interpreted by DOPHA HAMKWRAL BODOL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

Khushi manth Junsalin 1. Chairman signature with seal & date

Remenders Belsonena

 Secretary of BMC (if appointed) signature with seal & date

Baplosh Debbarma 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB or Authorized official of SBB

Dakhin Gukul Nagar BMC office



GPS Location- N23.798675 E91.659246

Dakhin Maharanipur BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Dakhin Maharanipur ADC village Taluk: Mungia Kami District: Khowai State: Tripura Geographical Area of the ADC village: Population under the ADC village: Total: 2114 Male Female Habitat and Topography: Forest and Agricultural land Date, Month and Year of PBR preparation: 1st August 2019 Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Atul Debbarma Age: 47
 Gender: Male
 Address: Dakhin Maharanipur
 Area of specialization: Agriculture

2) Name: Swapna DebbarmaAge: 37Gender: FemaleAddress: Dakhin MaharanipurArea of specialization: Farming

3) Name: Bandhana DebbarmaAge: 35Gender: FemaleAddress: Dakhin MaharanipurArea of specialization: Agriculture

4) Name: Samardip Debbarma Age: 32Gender: MaleAddress: Dakhin Maharanipur Area of specialization: Agriculture

5) Name: Bikash Debbarma Age: 35 Gender: Male Address: Dakhin Maharanipur Area of specialization: Agriculture

6) Name: Apu Debbarma Age:23 Gender: Male Address: Dakhin Maharanipur Area of specialization: Agriculture

7) Name: Ashis DebbarmaAge:31Gender: MaleAddress: Dakhin MaharanipurArea of specialization: Agriculture

8) Name: Minesh DebbarmaAge: 38Gender: MaleAddress: Dakhin MaharanipurArea of specialization: Agriculture

BMC Resolution

and Resolution on South or Schuttered privatings Council

35 pum 01/03/2017 Resolution No.

۰,

фł.

.

÷

Name of village County bank make reminen ... Tone Talle ware benow lehouser.

The Village Council meeting was held on <u>11000124790 at 11</u> Anarytea in <u>5-madesta</u> village Council Office, under the Chan manipp of Sn/Sert <u>School</u> <u>dis School</u> <u>The president</u>, and with the concept of all the members. <u>Biodewnity Management Committee was formed under Section 41(1) of Biological Diversity Acc</u> 2003 and Byte 32 of Biological Diversity Rules 3004 and Bute (41)a) of Tojours Biodiversity Rules 2005, for the period of these wars.

	Details o	f Committee Members			
	SI No.	Full Name and Address	Age	Catalgery :	Signature
•	1	Aut deblarma	47	Chairman	Cargow MODDY
	2,	Swapna debbarne	37	Womay Member	MARION GTTIN
	3	Bandhans Salbarner	35	Woman Member	Bundom Sellin
	Ч	Soman Lip Aublem.	32	SC/ST Member	Samardie OB
	5.	Bikash sebbornippi)	35	blenber	-2551 M CH +++1
	6	Apu sellonny.	in the second	Member Pagette	Apr Dome
"reggione"	4-	Ashis defeborons.		Menter	Ashis Relain.
	8;	have some Miller Barren	88	Monitor Secretary	

witter will be responsible for. versity Manager sent Core

- Conservational and sustainable utilization of bia assources within its area of participation а.
- Stop simplifacenes of the resources within its area of jurisdiction. 2

ð

- Sale impalacement of the report of within its area of persolution.
 Even share pointen to National Bostversite Authority, Chennes and Missare Bostversity Board on various subjects as and when required.
- 4. Lawying charges by way of collection of fees for accessing/collecting bio-resources for commercial purpose within its area of jurisdiction, as per act.
- 5. Maintain data about toral voicyas and practitioner using biological resources. 6
- Memory data meno, were two or we have about details of access of biological resources and traditional knowledge partent, details of callection of the imposed and details of benefits derived and mode of their sharing. χ.
- The Bouwersity Management Committee will also be involved in documentation of biodiversity and associated traditional knowledge. а.
- Me-agreent and stat of Bookversite fund as per guidelines provided by the National Bookversity Authority and Tripona Viodeensity Board Francisco to deals.

а,

GAGOS (LATTY 2: Sprature of 1 in e N

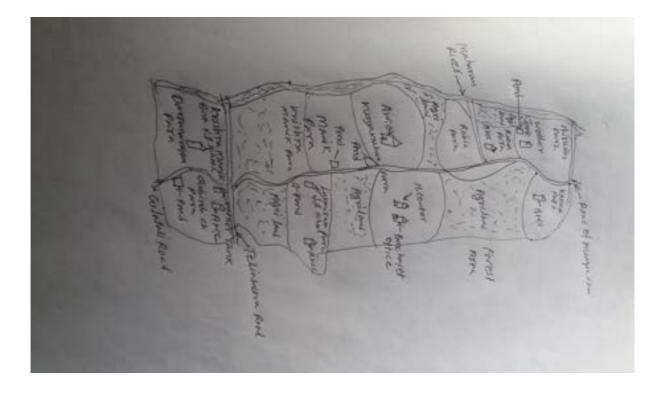
Marcesh-eelaberrome. Separate divide como secretar Marine. I the Permanent situageconnet

e (teris

Bank Account Detail

				and the second			
			ABBRE	EVIAT	TIONS	5	
7.	Cash		Cash	6.	first.		Interest
2.	Cig			7.	Com		Commission
З.			Transfer	8.	P&T		Postage & Telegraph
4			Draft	9.			Construction of the second
5.	D.W.		Dividend Warrant	10.	Chgs		Other Charges
CHARLETTICK DI	enteren a						
OMPLATION RE					1750	- 0	ORE . UTRIGUERTOR
	-	-		AVING	IFSC UII	UZA	
Internation Ri Internation / Co Internation / Name (a	cel	D	MUNGIAKAN MUNGIAKAN MUNGIAKAN	AVING	IFSC UTT S BAN	UNA AC	CONE : UTBIORRBTOR

PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide DAK. MAHARANI PUR ADC VILLAGE resolution the Biodiversity Management committees (BMC) under the supervision and guidance of D.O.PHAHAMKW RAI BODOL a NGO/national institution/organization under supervision of the overall TRIPURA Biodiversity Board. The data has been processed, analyzed and interpreted by .OOPHAHAMKWRAI BODOL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

Baptosh Debbarma 3. Counter signature of representative of

1. Chairman

signature with seal & date

ATUL DEBBAR Vice-Chairman Maharanipur ADC Villag Munglakami R.O. Biock Khowai Tripura.

2. Secretary of BMC (if appointed)

signature with seal & date

Munglakami R. D. Block Khowai Tripura. NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary, SBB or Authorized official of SBB

Dakshin Maharanipur BMC office



GPS Location:

Haludia BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Haludia ADC village Taluk: Mungia Kami District: Khowai State: Tripura Geographical Area of the ADC village: Population under the ADC village: Total: 2690 Male Female Habitat and Topography: This is mainly covered with hill and forest area. Date, Month and Year of PBR preparation: 1st August 2019 Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Anjali Debbarma Age: 36
 Gender: Female Address: Haludia
 Area of specialization: Farming

2) Name: Sandhya laxmi Debbarma Age: 32Gender: Female Address: Haludia Area of specialization: Jhum

3) Name: Badal KalaiAge: 40Gender: MaleAddress: HaludiaArea of specialization: Jhum

4) Name: Surendra Debbarma Age: 32Gender: Male Address: Haludia Area of specialization: Agriculture

5) Name: Sanjib Debbarma Age: 35 Gender: Male Address: Haludia Area of specialization: Agriculture

6) Name: Parimal DebbarmaAge: 34Gender: MaleAddress: HaludiaArea of specialization: Agriculture

7) Name: Tridwip DebbarmaAge: 34Gender: MaleAddress: HaludiaArea of specialization: Agriculture

8) Name: Hiranmoy Tripura Age: 43Gender: MaleAddress: HaludiaArea of specialization: Agriculture

BMC Resolution

and mush the of Haller Les. A.R.C. very count

ATION OF BICOMMENTY MANAGEMENT COMMITTEES AT BEELLI STATE, VILLAGE COUNCE.

100 Kg. 2.8_ on 25/23/2017

non or may come blad when the stratege rates-Barry Khowai

The Wileys Connect repeting was next as 2.5 [0.3 [1.3]. A M A M Asserts in Halls don't Wileys Council Other order the Characteristics of SNDm Ann ford D also and a second council order being with the connect of an in-member. B Not. Bodden of Miteragement Councilian was formed order being with the connect of an in-second and Mit 22 of Biological Oversity Rules 2004 and Rule 140a) of Topper Biodeservity Rules 2006, for the period of trans-

Parallel of Constant and Advantage

े

.

÷.

Profession and and a	the Company of the Company			and the second se
SI Pro.	Full Name and Address	Age	Configury -	Mgnature
	Anjeli Leberma	36	Oalman	Anja Li Dellom
	Sandily - darmi phinn	32	Womap Member	SERVER CELEVISIE
	Badal Kalas (Foref)	40	Wepman Mension	Bachen Kalos
	Surandra Dellano	32-	54/Sf Member	stless contra
1	Sanfib Debbarme	35	Mamber	Sanjeb DabBarn
	Arinord Dobberne (400)	34	Mamber	Parimal Deblorom
	Tridwip Debbarary File	134	Mamber	Fridwip Balborne
, e	Hendre Secretary	43	Member Sconetary	Hisamox mipur

The Biochversity Management Convitates will be resp

- Conservational and sectamentality utilisation of bio resources within its area of particlection.
 Section angularization to his report and within its area of particlection.
 Furthering optimizer to National Roddwenter Authority, Chennel and Tripora Blockwenter Board on various subjects as and when required.
- Levelog charges by way of collection of fees for accessing/collecting time-resources for commercial purpose within its area of activation, as per ect.

-6.0

 \mathcal{J}^{**}

. . .

- Maintain data about local micros and practitioners using linksgical resources.
 Maintain data about local micros and practitioners using linksgical resources.
 Maintain register constanting dermation about details of another of textogical resources and traditional knowledgement, versits of outerstaining dermation about details of another data mode of their sharing.
 The minimized process and traditional constants of textogical resources and traditional knowledgement, versits of outerstaining dermatices will also be involved and resolutions and the sharing.
 The minimized process and traditional involved and details of textogical resources and traditional knowledgement.
- traditional unawledge. Management and use of Books only find as per guidelinek provided by the National Biodiversity Authority and Tagen a Sadiversity Board from time to time. 6. 10

squature of the second President

. Signature of Village Council Secretary/Member of the Permanent establishment

Angeli Del Barne .

Hy Halania ADC Wage A - giarami R.D. Back

Bank Account detail

ত্রিপ্র	রা গ্র	12	ীণ ব্যাঙ্ক			TF	RIPURA GI	RAMIN BANK
			ABBRE	VIAT	ION	s		
1.	Cash	4	Cash	6.	Int.	-	Interest	
2.	Clg.	1	Clearing	7.	Com.	4	Commission	
З.	Tfr.	- 1	Transfer	8.	P&T	1	Postage & T	elegraph
4.	Dft.	4	Draft	9.	BC	1	Bankers Che	que
5.	D.W.	1	Dividend Warrant	10.	Chgs	-	Other Charge	es
HOMINATION REGISTE	HED : (Y)	N			IFS	c i	CODE : UTB	IORRETCE
	নেডিংস স	राख	MUNG I AKAM আকাইন্ট পাশ বই / SAVI	า พ้ธีรซิ่	ANKAR	icid	NO : DUNT PASS B	ÖÖK ⁰¹⁹
area statt / Custom	Ar ID :			খ্যতা সং	NI / Acc	our	nt No. :	
ent / Name (s) :			BIO DIVERSITY	MANAG	EMENT	c	OMMITEE Cust	8103011557125 81591457
Station / Address :	H. H.	ALI ALU	DIA ADC VILLAGE	MUNG	I AKAM	1	(JS)	13-06-2019

PRA Map

		The second se	
and the second second		HALUDIA PANCHAYAT	and the second se
Sand Street of Street			A COLUMN TWO IS NOT THE OWNER.
TAXE			
and the second se	1 Automatic State -		
Contraction of the second			the second se
the second second			the second se
TAX - BAR -			A REAL PROPERTY AND INCOME.
and the second s	The second stranger from		the second se
the second s			the second se
a manage and a manager	Without and and and		the second se
and the second se			the second se
A Real Property lies and the second s	A COLORADO AND A COLO		
and the second	Andre and a work	1 2 m longer	and the second se
9.2			ne susti
(24) Valuet		Ling	
			Concernance of the
	1 - +0.45		And and a second
		had at a faith	1 mar 1 mar
11			Sheet and
14			A COLORADO
			1 miles and 1
and the second se			Contraction of the second s
and the second sec			
1 A A			
2 m	1 11	write arrive	and the second in the second in the
The second se	1	Net the second second	A REAL PROPERTY AND
The second se			
of the other states of the state of the stat		The second secon	
100 Ball 1	1 -1		
			(
Station and an other states of the states of			
and the second			Jument Print
			#12 - T.A.T.
			1
and a second			
		with menutation	
		and the second second	al the set
the second s			

Certificate of People Biodiversity Register

Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide theffaludia ADC Village (Marc) resolution no. 0.1 dt 3.0/8/2019 by Biodiversity Management committees (BMC) under the supervision and guidance of .D.Q.P.H.A...HAMKVV/RAL....B.O.D.O.L...... a NGO/national supervision of overall the institution/organization under TRIPURA. Biodiversity Board. The data has been processed, analyzed and interpreted by D.OPHA. HAMKNYRAL., BO.D.S.4., a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees Anjali Debbarna

1. Chairman

signature ysith seal & date Monglaitam

Ant

Hiromen Intpun 2. Secretary of BMC

(if appointed)

signature with seal & date Incharge Sec nami S

Baptosh Debbarma 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary, SBB or Authorized official of SBB

Haludia BMC office



GPS Location- N23.865983 E91.708784

Kakrachhara BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Kakra Chhara ADC village

Taluk: Mungia Kami

District: Khowai

State: Tripura

Geographical Area of the ADC village:

Population under the ADC village:

Total: 1774 Male Female

Habitat and Topography: Hill area

Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Brigoram Reang Age:38
 Gender: Male
 Address: Kakra Chhara
 Area of specialization: Jhum

2) Name: Karanbati ReangAge: 25Gender: FemaleAddress: Kakra ChharaArea of specialization: Jhum

3) Name: Bijlangti Debbarma Age:32Gender: FemaleAddress: Kakra ChharaArea of specialization: Jhum

4) Name: Bakta Debbarma Age:41 Gender: Male Address: Kakra Chhara Area of specialization: Agriculture

5) Name: Rajendra Reang Age:25 Gender: Male Address: Kakra Chhara Area of specialization: Agriculture

6) Name: Bijoy DebbarmaAge:36Gender: MaleAddress: Kakra ChharaArea of specialization: Farming

7) Name: Bapan Debbarma Age:34Gender: MaleAddress: Kakra ChharaArea of specialization: Agriculture

8) Name: Sanjit DebbarmaAge:39Gender: MaleAddress: Kakra ChharaArea of specialization: Agriculture

BMC Resolution

KAKRA CHERRA VIC.

BASE RESERVED & Kaka Charles Village Council

Resolution No. 8513/19 Date: 27-3-19 .

Norma of VIEron Bate Kakara Chorzovile rom Russiakas onna Khellai

yesers.

1	51 No.	Full Name and Address	1000
			10.000

Separations of Contract on President

Datally of Committee Manham

i,

1

51 No. Full Harne and Address Age Category Signature	
1) BRIGERAM REANGE Commen BRIDEORON BY	
117 Kazanbati Rearg . Worke Member - 35201 250 1821;	
111 Berilangti Reing Women Member Forgantisis 130	ß
W Bakta Detbarme, (Techo) KATMenter Dikta 2)12-	
V Robendrig Really Mender Robendry Ren	Ð.
VI BEJOY Schlamman Meeter BS804 Debbe	
VII Bafan offer Henter Dj Pan DBerry	
VIII VILLE VERSION Sector VI	3

The Biodiversity Management Committee will be responsible for.¹

- Conser-ational and sestained in utilization of bio resources within its area of jurisdiction. ÷.,
- tang nergal access of the reporters within its area of periodiction. 2 -
- Furnishing opinion to National Biodiversity Authority, Chenzar and Triptera Biodiversity Board on various subjects as 3. and when required.

4. Levying charges by way of collection of face for accessing/collecting bio-resources for commercial purpose within its area of iurisdiction, in per ect.

5. Maintain data about for al soleyus and practitionersusing biological resources.

 $a_{i,i}^{(\ell)}$

- Maintain register containing information about details of access of biological rescuises and traditional knowledge granteet, details of collections of the imposed and details of benefits derived and mode of their sharing.
- 7. The Brokiversity Management Committee will also be invelved in decomposization of biodiversity and associated
- tradiscust unperfection. 8 Money priorit and use of Broch instry final as per gasteline's provided by the National Biodiversity Authority and Tragent Skylforenaity Board from time to time.

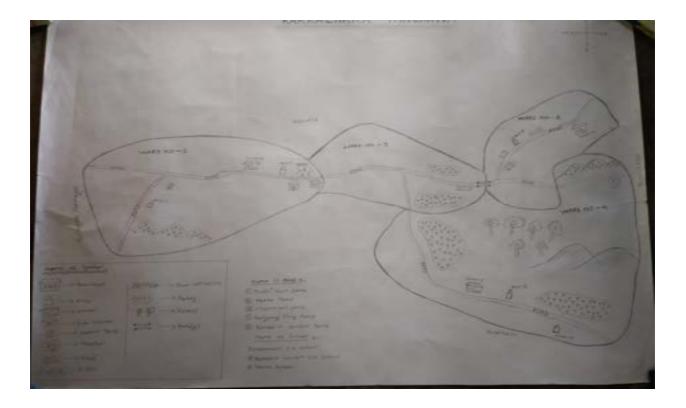
. vernen a vare cours secret 125 of the Permanent establishment

40

Bank Account detail

	রা আই	গীণ ব্যাক্ষ		¥.	TF	RIPURA GRAMIN BANK
		ABBRE	VIAT	ION	s	
1.	Cash :	Cash	6.	Int.	-	Interest
2.	Clg. :	Clearing	7.	Com.	-	Commission
3.	Tfr. :	Transfer	8.	P&T	-	Postage & Telegraph
4.	Dft. :	Draft	9.	BC	3	Bankers Cheque
5.	D.W. :	Dividend Warrant	10.	Chgs	\$	Other Charges
NOMINATION REG		MUNGIAKAMI	e of	Print	a N	ODE : UTBIORRETCE
গ্রাহক সংখ্যা / Cue						count No. :
레피 / Name (s)		BIO DIVERSITY N	ANAGI	EMENT	C	OMMITTEE 810301155763 Cust 81596262
विकासा / Address		ACHARA ADC VILL				NI- 18- 24-06-2019

PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide no......dt. 13/09/2019 by Kaksachara resolution the Biodiversity Management committees (BMC) under the supervision and institution/organization under the overall supervision of .T.RIPURA..Biodiversity Board. The data has been processed, analyzed and interpreted by DAPHA ... HAMIKGRAI ... BODAL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

> signature with seal & date Chairman Kakrachara ADC Village Yungiakami R.D. elock signature With seal & date

Biodiversity Management Committees

1. Chairman

2. Secretary of BMC (if appointed)

Baptosh Sebbarring Kakra Cherra ADC. Vio 3. Counter signature of representative of ungia Kami R.D. Blod NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary, SBB or Authorized official of SBB

Kakra Chhara BMC office



GPS Location- N23.806566 E91.712883

Manik Debbarma BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Manik Debbarma ADC village

Taluk: Mungia Kami

District: Khowai

State: Tripura

Geographical Area of the ADC village:

Population under the ADC village:

Total: 2609 Male Female

Habitat and Topography: Hill and Agricultural land area.

Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Rakesh Debbarma Age:45
 Gender: Male
 Address: Manik Debbarma
 Area of specialization: Agriculture

2) Name: Hingra JamatiaAge:24Gender: FemaleAddress: Manik DebbarmaArea of specialization: Farming

3) Name: Sebika Debbarma Age:35Gender: FemaleAddress: Manik DebbarmaArea of specialization: Farming

4) Name: Kishore Debbarma Age:33Gender: Male Address: Manik Debbarma Area of specialization: Agriculture

5) Name: Juddha Kumar Debbarma Age:22 Gender: Male Address: Manik Debbarma Area of specialization: Agriculture

6) Name: Mahamoni Debbarma Age:37Gender: MaleAddress: Manik DebbarmaArea of specialization: Agriculture

7) Name: Jatnadhan JamatiaAge:30Gender: MaleAddress: Manik DebbarmaArea of specialization: Agriculture

8) Name: Arun Debbarma Age:31Gender: MaleAddress: Manik DebbarmaArea of specialization: Agriculture

BMC Resolution

Manik Bellow vie FORMATION OF INCOMPLETATY MANAGEMENT COMMITTEES AT WILLAGE CONFICE. ama 22 01/02/19 non a van me Menil, Bullan Vic van Talism une khanal The Vilage 1 one is manying was been as M/43/13 or M aranged M/43/2 $M_{\rm eff}$ (and the structure integration of the structu Butally of Committee Mandaers MAR. Full Name and Address Rakoch Dolom Cathors Kansh Sollarmy 1 HITTORE TAMATic the par montager wang Member 3. anonality concerns anonality concerns anonality const anonality const anonality const anonality const anonality const anonality Sebika Dalli Warnan Member 3 (E (2004 16 200 34/37 Mamber \mathbf{v}_{t} Member guddhe wis Dobe - \mathcal{S} Jetre Bles Jonal Member 6 Member ÷. And Aser Grand Com Member Secretary $< \frac{1}{2}$ Arrin 2000.000 The Biodiversity Management Com-NUMBER OF STREET

- 2
- Content provide and reactor with relativestical flat representation its area of periodicities. Here, including particular to the restaurage within the area of exceptions. Fusion strong operates to the restaurage to within the area of exceptions. Fusion strong operates to the restaurage to the term of the strong operations and the period on versions subjects and area of the required. The term of the advanced of exceptions and prestations will prove the term of the term of the advanced term of the advanced of the strong operations and the term of the advanced term of the advanced of the term of the advanced of the term of the advanced of the term of the advanced term of the advanced of the term of the advanced of the term of the advanced of the term of term of term of term of term of the term of the term of the term of 4.1
- 2

.

Used to set approximate a commence and and to be invested in documentation of biodiversity and biometric set and operatings. Manual set of the document provided by the functional thornware pro-. force the Meson

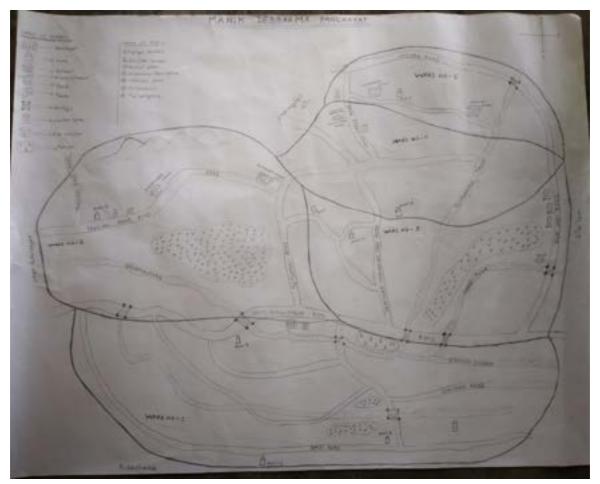
Strature at with Council and 22 Alternationales Rutal Programme Seconta Manik Debbarros AGC Vita Mempulando R. D. Enach Rocrust, Textora

0/3/19

Bank Account detail

<u> </u>	রা গ্রামি	াণ ব্যাক্ষ		TF	RIPURA GRAMIN BANK
		ABBRE	VIAT	IONS	
Ť.	Cash :	Cash	6	Int. ±	Interest
2	Clo. :	Cleaning	7.	Com. :	Commission
3.	Tir. :	Transfer	8.	P&T 1	Postage & Telegraph
4.	Dft. :	Draft	9.	BC :	Bankers Cheque
5.	D.W. :	Dividend Warrant	10.	Chigs :	Other-Charges
			- 1	MI / Branch	
NONINATION REDIST	ERED (Y/N)	an and the second second		1FSC COL	DE : UTBIOSEBTOB
	সেৰিকে নাম	an-ad the de / SAVu	NGS BA		DE 1 UTBIORRUTCH
हाइन महत्रा / Custor	সেৰিকে নাম	an a 24⁰ an 1 27 SAVU	NGS BA	1FSC COL	DE 1 UTBIORRUTCH
हाइन महत्रा / Custor	्लकित्व नाथ ner 10 :	AP 25 MAR ANT SAVE	NGS BA	TESC CO NKACCO 0 / Account	DE 1 UTBLOSEBTOD UNT RASS BOOK . I No. :
डाइक अ(की / Custor नाम / Nartes (s) :	्लकित्व नाथ ner 10 :		YQŞ BA बाखी मेरन	TESC CO NKACCO 0 / Account	DE 1 UTBLOSEBTOD UNT RASS BOOK . I No. :
NENNATION REPORT INTER PICT / CLAROT INT / Name (S) : Geneti / Address : INTER (MA / Made	cafara ana nar 10 : . I MANTK	DIO DIVERSITY MA	N <mark>QS BA</mark> NEAGEN	IFSC COL NKACED II / Account	DE 1 UTBIOSEBTOB UNT PASS BOOK 9 INO : MITTEE 5103011557888 Cust 81599877

PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide MANIK DEBBARMA HOC VILLAGE no. 98 ... dt. 15/09/ 2019 by the resolution Biodiversity Management committees (BMC) under the supervision and guidance of DOPHA HAMKWRAI BODOL a NGO/national supervision of institution/organization under the overall TRIPURA...Biodiversity Board. The data has been processed, analyzed and interpreted by .D.O.P.H.R. MAMKXIRAL. B.O.O.OL. a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

1. Chairman

2. Secretary of BMC (if appointed) Rougest Selforn signature with seal & date Rasen Deboarns Charman Marguesam & OC Villour Marguesam & O. Block Thises Triputs

signature with seal & date

Baptosh be bbarrma 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB or Authorized official of SBB

Manik Debbarma BMC office



GPS Location- N23.798675 E91.659246

*** NB: Manik Debbarma VC office location at Dakshin Gukul Nagar VC office is same office

Namanjoy BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Namanjoy ADC village Taluk: Maharanipur District: Khowai State: Tripura Geographical Area of the ADC village: Population under the ADC village: Total: 2093 Male Female Habitat and Topography: Hill and Agricultural land Date, Month and Year of PBR preparation: 1st August 2019 Management Regime: ADC village committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Shakuntala Debbarma Age: 40
 Gender: Female
 Address: Namanjoy
 Area of specialization: Farming

2) Name: Jatila DebbarmaAge: 42Gender: FemaleAddress: NamanjoyArea of specialization: Agriculture

3) Name: Harani DebbarmaAge: 39Gender: FemaleAddress: NamanjoyArea of specialization: Farming

4) Name: Alak PaulAge: 37Gender: MaleAddress: NamanjoyArea of specialization: Teaching

5) Name: Sujit Debbarma Age: 33 Gender: Male Address: Namanjoy Area of specialization: Agriculture

6) Name: Gourchan Debbarma Age: 41Gender: Male Address: NamanjoyArea of specialization: Agriculture

7) Name: Ranjit DebbarmaAge: 36Gender: MaleAddress: NamanjoyArea of specialization: Agriculture

8) Name: Juda DebbarmaAge: 35Gender: MaleAddress: NamanjoyArea of specialization: Agriculture

BMC Resolution

10 ¹	MAR, Insuchation of 11 22 160 13 18 18 18 Wards Courses
	RMATION OF BICOTVERSITY MARKEEMENT COMMITTEES AT SECTOR 2014 C. VILLAGE COUNCE.
	THE OF THE RECEIVERSHY MARKED MENT COMMITTEES AT ALL PROVIDED VIETAGE COUNCE.
	A.A
Resolution N	- 2-2
And an	a the Manual way of the Addition of the second

The Village Cruined meaning was here as <u>J/J/J/1</u> <u>A</u> <u>IZ</u> <u>ANNYEA</u> in <u>Village Council OTER</u> under the Charmanological Stratume. <u>General AnnyeA</u> <u>Activity Strate</u>. The previdence, and with the consent of an in-mendary. <u>Biodent is Managementary</u> <u>Strategical Eventsion</u> was founded under before a 1(1) of Biological Eventsy are 1903 and mile 22 of Biological Eventsity Rules 2004 and Bule 24(2) of trajues Biodentwisty Rules 2006, for the period of Inter-tions

Si No.	Full Name and Address	Apr	Category -	Signature
61.	-Chexustala Allerona	40	Chairman	Shallentale Debbar of
02.	Jatila Actionom	42	womae Member	Jaylin Debbarre
631	Horoni. Artenno.	39	Woman Member	200 (410214
A4.	Alak Paul-	317	SC/ST Member	prox. Paul.
4	Juit Ackagome	93	Member	Built Hebbarno
46	gaugahan sikenome	. 41	Marchar	GRourchm octom
07.	Renjer Albanona	36	Menhor	Regist Adbarne.
1.6	Water Show Tuda Saltom	35	Member Secretary	Tida Allanore

The bodiversity Management Committee will be exponsible $\log \frac{1}{2}$

 \mathcal{I}^{*}

- Conserv, utional and surplanustic editories of two measures within its area of puriodiction.
 See includ actres of two reported within its area of puriodiction.
 Formulang opinion to National Bootvently Authority, Chenne and Tripura Bootvently Board on various subjects as
 and when required.

- and when required. 4. Leveling charges by wary of collection of test for increasing/collecting bio resources for commercial purpose within its area of introduction, as per str. 5. Maintain register containing information alread datability follogical resources. 6. Maintain register containing information alread datability follogical resources. 7. Maintain register containing information alread datability follogical resources. 8. Maintain register containing information alread datability follogical resources. 9. The function register containing information all datability following the increasion of biodiversity and accounting parameter, strategic datability have present and datability of the increased and incide of their sharing. 9. The function incoming incoming in the resource with also be involved in decommendation of biodiversity and accounted and register incoming incoming in the resource of the involved in decommendation of biodiversity and accounted in the optimal incoming in the register.
- traditional insolvenge. 8. Management and use of Bodiversity field as per guidelines provided by the National Bodiversity Automity and Togens, Sandiversity Board from time to time.

11

14

 $d \in \mathbb{R}^{d}$ Separate of the second President 1

i.

.

.

Shall un Tala Arebbarma

Charperson Nemanjoybari ADC Villayr Manglakami R.D. Block Khowai Tripura

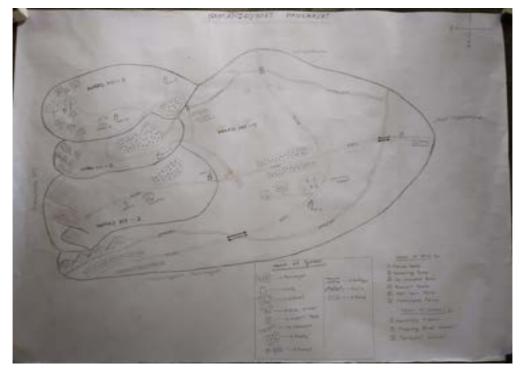
. Nersture of Village Cox ndi Secretary/Member of the Permanent extelpionnent

In the second and the second s

Bank Account detail



PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide the NAMANS, OXBARI. ADD VILLAGE no.03. dt 4/03/2019 by resolution Biodiversity Management committees (BMC) under the supervision and guidance of .RREHA...HBMKWYRAL....BORQL...... a NGO/national supervision of overall under the institution/organization TRIPURA....Biodiversity Board. The data has been processed, analyzed and interpreted by .DORMA..HAMMANARAI...ROAQ ... a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the 1/11/111/final phase of preparation of PBR.

Biodiversity Management Committees

1. Chairman Shelfer tak Deltoma

signature wit

(if appointed)

signature with s

Baptosh Sebbarma Ehower, Inputa. -3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

Counter Signature with seal & date Member Secretary, SBB or Authorized official of SBB

Namanjoy BMC office



GPS Location-N23.934821 E91.702969

Nunachhara BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Nuna Chhara ADC village

Taluk: Mungia Kami

District: Khowai

State: Tripura

Geographical Area of the ADC village:

Population under the ADC village:

Total: 2238 Male Female

Habitat and Topography: Hilly and Jhumia inhabitant

Climate (Rainfall, Temperature and other weather patterns) Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village committee

Reserve Forests (RF) / Joint Forest Management (JFM) / Protected Areas (PA) / Community Owned and Managed Forests (COM)

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Jayakal Molsom Age: 32
 Gender: Male Address:
 Area of specialization: Agriculture

2) Name: Matarani MolsomAge: 40Gender: FemaleAddress:Area of specialization: Farming

3) Name: Sarity ReangAge: 21Gender: FemaleAddress:Area of specialization: Farming

4) Name: Ribanand ReangAge: 41Gender: MaleAddress:Area of specialization: Agriculture

5) Name: Watharai Molsom Age: 43 Gender: Male Address: Area of specialization: Agriculture

6) Name: Mangrai ReangAge: 43Gender: MaleAddress:Area of specialization: Agriculture

7) Name: Tarun DebbarmaAge: 32Gender: MaleAddress:Area of specialization: Agriculture

8) Name: Mahendra Debbarma Age: 49 Gender: Male Address: Area of specialization: Agriculture

BMC Resolution

BMC Resolution of Health Charge Council

FORMATION OF BIODIVERSITY MANAGEMENT COMMITTEES AT 2407 8 4410 0 VILLAGE COUNCE.

Resolution No. 22 Dur orf /06/00/9

Details of Committee Members

÷

٠

Si No.	Full Name and Address	Apr	Category -	Signature
1	Tycket Not ome	32	Chairman	Joga Hal Molsur
2	Mila Loni Milsom	40	Womay Member	Sorar a simbin
3	Sonifi Roof	21.	Woman Member	Sarily georg
đ	Sabononto for	41	SC/ST Mamber	Dibarran ER cary
5	Hathori Noton	43	Member	Walk rai nots
6	Morsingor A-V	37	Member	moning Rai Ray
17	Torcan Delema	32	Member	Tanes Black same.
8,	Menter second . Alexander	$\zeta \zeta$	Member Secretary	Makentres/Br
1	1460			

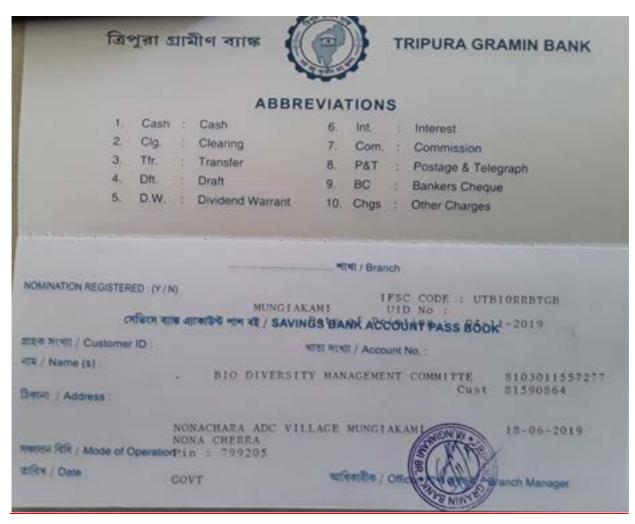
The Boodiversity Management Convertices will be responsible tor; should example the or a village

- 1. Conser .- resolution and sustainable utilization of the resources within its area of juvisdiction.
- 2 Stop simplification of bio resources within its area of jurisdiction.
- Funn-share opinion to National Biodiversity Aethority, Oktivity and Tripura Biodiversity Board on various subjects as and when required.
- tryying charges by may of collection of fees for accessing/collecting bio-resources for commercial purpose within its area of variediction, as per act.
- 5. Maintain data about local valoyas and practitioners using biological resources.
- 6 Main star register containing Asymptotic about details of access of biological resources and traditional knowledge granted, details of collection of (he inspect and details of benefits derived and mode of their sharing.
- The Incomentary Management Committee will also be involved in documentation of biodiversity and accordance biodiversity and accordance
- 3 Management and use of Book ensity fund as per guideline's provided by the National Bookversey Authority and Trapse Studiesessly Read from time to fine.

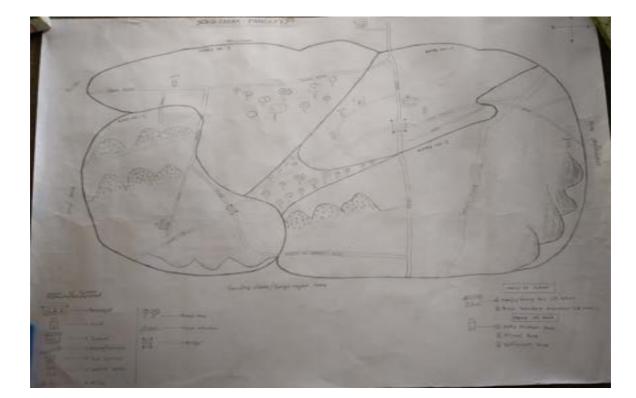
Jakai Moleni Chaesenan N. machera V/c. weature of the President

Malandor & Comercian Section of the Comercian Section of the Comercian of the Perspectic Section Section Munglakani R.D. Bio. A Kapatai Prinara

Bank Account



PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide the NONACHABA. AD.C. MILLAGE no. 0.9 dt.16/03/2019 by resolution Biodiversity Management committees (BMC) under the supervision and guidance of DOPHA.HAMKARAL.BORGL..... a NGO/national of supervision overall the under institution/organization TRIPURA...Biodiversity Board. The data has been processed, analyzed and interpreted by .DAPHA...HAMMAGAA1 ... BARAL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the 1/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

1. Chairman

2. Secretary of BMC (if appointed) signature with seal & date Monachara ADC Visage Mungasari R D. Boos telanara N. Diros Signature with seal & date Villane Secretary

Vinage Secretary Nonachara ADC Village Nunglakami R.D. Block

Baplosh Debbarroa 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB or Authorized official of SBB

Nuna Chhara BMC office



GPS Location- N23.806566 E91.712883

*** NB: Nunachharra VC office location at Kakra chara VC's office is same office.

Purba Laxmipur BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Purba Laxmipur ADC village Taluk: Mungia Kami District: Khowai State: Tripura Geographical Area of the ADC village: Population under the ADC village: Total: 3460 Male Female Habitat and Topography: Agriculture and Forest Area Date, Month and Year of PBR preparation: 1st August 2019 Management Regime: ADC village Committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Pradip Debbarma Age:41
 Gender: Male
 Address: Purba Laxmipur
 Area of specialization: Agriculture

2) Name: Tarubala Debbarma Age:28 Gender: Female Address: Purba Laxmipur Area of specialization: Farming

3) Name: Subarani Debbarma Age:45Gender: FemaleAddress: Purba LaxmipurArea of specialization: Farming

4) Name: Manoj Kr. Debbarma Age:47Gender: Male Address: Purba Laxmipur Area of specialization: Agriculture

5) Name: Biswajit Debbarma Age:32 Gender: Male Address: Purba Laxmipur Area of specialization: Agriculture

6) Name: Ashi Kumar Debbarma Age:36 Gender: Male Address: Purba Laxmipur Area of specialization: Agriculture

7) Name: Samen Debbarma Age:42Gender: MaleAddress: Purba LaxmipurArea of specialization: Farming

8) Name: Harendra Debbarma Age:27Gender: MaleAddress: Purba LaxmipurArea of specialization: Farming

BMC Resolution

menunder of Barbalan Biet Mays count

FORMATION OF BIODIVERSITY MANAGEMENT COMMUTTERS AT ______ VILLAGE COUNCE.

PIACLEGING 16 PM

Name of Village Council: The Village Council: The Village Council: The Village Council: The Village Council of Software on <u>5 (2)</u> 0.22 [1,9, or 11] (202) assume to <u>PATERNEE</u>. and with the council of the works the Charmonic of Software on <u>5 (2)</u> 0.22 [1,9, or 11] (202) assume to <u>PATERNEE</u>. The period of the council of the members, and with the Charmonic of Software on <u>5 (2)</u> 0.02 and the pixel of the council of the period of the members, and with the council of software of the period of the pixel of Topping Boothermity Rules 2000, for the period of the means

51 540.	Full Name and Address	Apr	i Califying	Denstore
J.	Paris & Andlew man. Par + A. Cormi Par		Chabrean	Pordi F addance
6	Torew Adla Arthorna	1.	Wonay Member	TANU BALE DERLATS
3	Subarrowi Allayme		Warnan Member	2/57 1121 (1493
1	magial Kar addressing		SC/ST Manuber	many hor my
2	along fit altavone		Mandar	Biswadil automma
¢	Ashi Kir allourne		Mandar	Ashi Kumor Del
7	Samen Asthanone		Mandar.	2021al Cham
	were playholing pyt	1	Marsher Secretary	Horestinder

The displayersity Management Committee will be responsible for,

 ~ 0.1

а.

 \mathcal{C}^{*}

- Comperture and existence bit with the encourses within its area of periodiction.
 Social accurs of his represente within its area of periodiction.
 Function grantees to represent the technology Authority, Chemical and Triperta Biodiversity Board on various subjects as and when registered.
 Lavying charges for way of contention of fees for accursting/collecting bio-resources for someworded purpose within its
- а. ÷.

÷

- Universe characterizes and provide on the first for accounting controlling, two-resources for science-setting paragraphic setting of a set of hereinforces and practitioniers using training trainers. Maintain fragments and traditional benevied generative and a statistic register containing trainers about details of access of brokeline and mode of their stating. The training trainers are accessed and traditional benevied generative and practition of the training of brokeline and mode of their stating. The training trainin х.
- а.

portige & Radoure

bagé 10

Þ,

.

÷

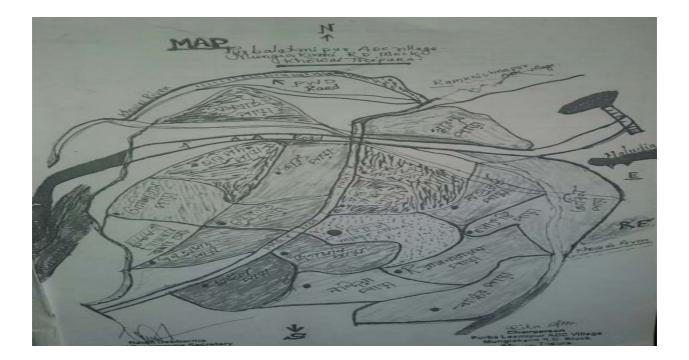
, topostype of vitage Council Secretary/Memory Horse of the Assessment establishment

100 ۰.

Bank Account detail

		-		•		
		ABBRE	VIAT	TIONS	8	
1.61	Cash	Cash	11.	hest.		kestaneart.
22.	Clu.	Cheering	7.	Com.		Commission
3	TH.	Traingtair	e.,	PAT		Postage & Telegraph
4.	DR.	Deatt	9.	BC		Bankars Cheque
	55.WK	Clivithered Warrant.	10.	Chus		Other Charges
NAMES AND ADDRESS				Contraction of the second		
		NUMBER OF STREET	-			THE I DISIONERTIE
the street (Alastica				Anone		
IN / PERSONAL DR.L.						
		MIC DIVISION 1	PAMARD	CMERT		CHART STUDIES

PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide PURE PLAXMIPUR PDC VILLA the by resolution Management committees (BMC) under the supervision and Biodiversity guidance of DOPHA HAMKWRAI BODOL a NGO/national of supervision overall under the institution/organization TRIPURP Biodiversity Board. The data has been processed, analyzed and interpreted by DOPHO HAMKWRAI BOROL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

1. Chairman

signature with seal & date

2. Secretary of BMC (if appointed) signature with seal & date

-TTT FOOD

Harrow

Baptosh Debbarma_ 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB or Authorized official of SBB

Purbalaxmipur BMC office



GGPS Location- N23.841641 E91.688980

Ramkrishnapur BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Ram Krishnapur ADC village

Taluk: Teliamura

District: Khowai

State: Tripura

Geographical Area of the ADC village:

Population under the ADC village:

Total 2270 Male Female

Habitat and Topography: Forest and Agricultural land

Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village Committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Jitendra Reang Age:35
 Gender: Male
 Address: Ram Krishnapur
 Area of specialization: Agriculture

2) Name: Suchitra DebbarmaAge: 42Gender:FemaleAddress: Ram KrishnapurArea of specialization: Agriculture

3) Name: Karna Debbarma Age:32Gender: MaleAddress: Ram KrishnapurArea of specialization: agriculture

4) Name:Baijanti Debbarma Age:40 Gender:Female Address: Ram Krishnapur Area of specialization: Agriculture

5) Name:Kiran Mala Debbarma Age:30 Gender: Female Address: Ram Krishnapur Area of specialization: Farming

6) Name: Manoranjan Debbarma Age: 39Gender: MaleAddress: Ram KrishnapurArea of specialization: Agriculture

7) Name: Malindra Debbarma Age: 37Gender: MaleAddress: Ram KrishnapurArea of specialization: Agriculture

8) Name: Hamit DebbarmaAge: 45Gender: MaleAddress: Ram KrishnapurArea of specialization: Agriculture

BMC Resolution

" Ransknich no payment come MITTEL AT ... VILLAGE COUNCIL 7 - 3/56/2019 www.comkoistmapul man Khawat Table have forward another was been as the set of the second of 10 Carpon Buchist and ballow -35 Carpone Suchist and ballow -42 NC-charten Buchist and ballow -20 menu Menter Konson to 660 Suchitre offam. Kalna Of arma D. know tobban 30 Warner Marrier 3 2. Ralma operation A. Baijanti Offsohn 5. Kizan Mala DiBalan 9. Manadarjas Offsohn Balganti Deffor 38 Starmania Tanga and mil GOO XT 39 Menter Malordo = zetter Malindres D/Rah. 33 menos 2 Hamit ." Manter 2. 45 Warriber Berranary Including Included inspersent Country of Note enclose an encode the rememping and an increase of production. Factor of the second factor of bootsering Automatic Cranese and for and advantagempt Comprision and Long's and to Lawying charges its way of collection of fats for accessing following time state of metadectory, so part and Analysis of the alignet for all energies and practicions quick himsgraph dynamics 5 Manestrino registrate constanting information phase persons of an error of biological revealed a see transition at the generation angles of collections of the meaning and operational tensions derived and mode of their training. The transitionistic Manetgermon Committee will also be revealed in discontentiation of Manetership and asso transversal suscelledge. Man agrounder and was of Baselsonichy food as par guidelines provided by the Euclosed Biodeservey A Transvers for descents fitned from the test to their . of Village Cas Pretrikent and algorithmeters al ATTENDRA REANG Countrate Martinetation Martinetation Martinetation Martinetation Martinetation

Bank Account detail



PRA Map

Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide the RAMKRISHNARVER ADC VILLAGE no.0.2 dt3/09/2019 by resolution Biodiversity Management committees (BMC) under the supervision and guidance of DORHA...HAMKWRAL....BO.D.QL.... a NGO/national of supervision overall institution/organization under the TRIPURA Biodiversity Board. The data has been processed, analyzed and interpreted by JROPHA .. HAINRAMBAL ... BODOL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

Biodiversity Management Committees

Jifes des Re

Signature with Bear and 2019

Managalanani 19.00 Bloos Managalanani 19.00 Bloos Filesadar Frigura

signature with seal & date

Baptosh Mebbarria 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB ot Authorized official of SBB

Ramkrishnapur BMC office



Sriramkhura BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Sriram khura ADC village Taluk: Teliamura District: Khowai State: Tripura Geographical Area of the ADC village: Population under the ADC village: Total: 2398 Male Female Habitat and Topography: Forest and Agricultural area Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village Committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Harani Debbarma Age: 45
 Gender: Male
 Address: Sriram khura
 Area of specialization: Agriculture

2) Name: Mina DebbarmaAge:33Gender: FemaleAddress: Sriram khuraArea of specialization: Farming

3) Name: Biswa laxmi Debbarma Age:25Gender: FemaleAddress: Sriram khuraArea of specialization: Farming

4) Name: Pusarai Debbarma Age:40 Gender: Male Address: Sriram khura Area of specialization: Agriculture

5) Name: Suku Sadhan Jamatia Age:42 Gender: Male Address: Sriram khura Area of specialization: Agriculture

6) Name: Bidya Chandra Debbarma Age:24Gender: MaleAddress: Sriram khuraArea of specialization: Agriculture

7) Name: Badal Koloi Age:28 Gender: Male Address: Sriram khura Area of specialization: Agriculture

8) Name: Sajal Debbarma Age:45 Gender: Male Address: Sriram khura Area of specialization: Agriculture

BMC Resolution

 ~ 0

BARC Resolution of State Klowing &. Where Council

Resolution No. 23 Date 03/03/19 .

NO SEIZANYLATEN Y/L THE TELISMUTH - DENTE-Name of Village Co.

Details of Committee Members

	NNa.	Full Name and Address	140	Catalgory	Signature
•	19	Haxan' Debbrymon.	95	Chairman	Harani Debburmu
	27	Mine Deptersone .	1	Womae Member	MOTHY CHERONY
	3)	Bision Lyomi Bebbnew.		Woman Member	for any around (harring "
	17	Pusoreni Debbreme.	1	SC/ST Member	gran are chrants
	5>	Sukusadhan Jamadin.		Member	S. W. Con Localdon James 4
	1.17	Bidya Ch. Debiman.		Member	Lapor bin Chron
-	77	Badal Kadyi.		Member	Budal Kulan .
	2	Header secretary Signal Babbarans	3,4	Mamber Secretary	Sight Debbrown

The Biodiversity Management Convetitive will be responsible for

.

٠

.

- vercial guardonie within its

1

- traditional knowledge.
- 8 Management and use of Bodiversity field as per guidelines provided by the National Biodiversity Authority and Trains Sudiversity Board From time to field. . Soial sebbron.

÷.,

Haygni Debblymn

04/03/19. Signature of Village Council Secret of the Permanent establishment

1.0

۰.

Bank account detail

		and the second s
	ABBRE	VIATIONS
10	Cash : Cash	6. Int. : Interest
2	Clo : Clearing	7. Com. : Commission
3.	Thr. Transfer	8. P&T : Postage & Tolegraph
1.1	Dit. : Draft	9. BC Bankers Cheque
5.	D.W. Dividend Warrant	10. Chgs ; Other Charges
		1FSC CODE : UTBIGREATGR
		IFSC CODE : UTBIGREATCH
NOMENATION	RESISTERED (Y/M MUNCITAKAMI	Delation + D4-09-2019
	CHEATH HITE ALLERTO-D HIM HE !	SAVINGS BANK ACCOUNT PASS BOOK
and a second of	Customer ID :	HTEL HENTI / Account No. :
	BIO DIVERSITY A	MANAGEMENT COMMITTEE A103011557028
wps / Name		

PRA Map



Annexure- III

Certificate for People's Biodiversity Register

CERTIFICATE

(As per Rule 22(10) of the Biological Diversity Rules 2004)

This People's Biodiversity Register (PBR) has been endorsed vide the SRIBAMAKHABA ARC. XILL AGE no.04 ... dt.7/29/2019 by resolution Biodiversity Management committees (BMC) under the supervision and guidance of .ROPHA ... HAMKXXRAL ... BOROL a NGO/national supervision of overall under the institution/organization TRIEVEA Biodiversity Board. The data has been processed, analyzed and interpreted by .D.O.P.H.A...HAMIK.W.R.BL...BARAL a NGO/ national institution/organization, Biodiversity Board, school teachers, subject matter specialists, students & others. This is the I/II/III/final phase of preparation of PBR.

signature with seal & date

signature with seal & date

Fural Pregramme Secretary Sti Ramkhara Village Committee

Mungia Kami R.D. Block

Sri Ramkhara Village Mungla Kami R.

Biodiversity Management Committees

Haven: D/Brone 1. Chairman

Arun JB 2. Secretary of BMC (if appointed)

Baptosh be bbarma 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary,SBB or Authorized official of SBB

78

Sriramkhura BMC office



GPS Location: N23.906362 E91.714585

Uttar Maharanipur BMC

General Details of Peoples' Biodiversity Register (PBR):

Name of the ADC village: Uttar Maharanipur ADC village Taluk: Teliamura District: Khowai State: Tripura Geographical Area of the ADC village: Population under the ADC village: Total: 3065 Male Female Habitat and Topography: Forest and Agricultural land Date, Month and Year of PBR preparation: 1st August 2019

Management Regime: ADC village Committee

Details of Biodiversity Management Committee (BMC)

 Name of the Chairperson: Suparna Das Age:41
 Gender: Female
 Address: Uttar Maharanipur
 Area of specialization: Farming

2) Name: Prabharani Debbarma Age:27Gender: FemaleAddress: Uttar MaharanipurArea of specialization: Farming

3) Name: Kanchan Mala Debbarma Age:31Gender: FemaleAddress: Uttar MaharanipurArea of specialization: Farming

4) Name: Padma Mohan Debbarma Age:40Gender: MaleAddress: Uttar MaharanipurArea of specialization: Agriculture

5) Name: Budhi Mohan Debbarma Age:36 Gender: Male Address: Uttar Maharanipur Area of specialization: Agriculture

6) Name: Shyamal Debbarma Age:33Gender: MaleAddress: Uttar MaharanipurArea of specialization: Agriculture

7) Name: Bhanu Debbarma Age:45Gender: MaleAddress: MaharanipurArea of specialization: Agriculture

BMC Resolution

3153 and random a Mohammed Pass. vange canno FORMATION OF BIODIVERSITY MARAGEMENT COMMITTEES AT ALASSIC ALASSIC CONTEN Plaris Resolution to 2.2 Details of Committee Manibers Bing Pull Name and Address Catégory -Chairman Signature nge. Виранна Дая Suparna Das LWarning Marridge Prathoraniteber Prablavani Del Borno $2 \cdot \cdot$ 1382220012619155 Warnen Merriken 31 Kan chan Mala set for SCAT Manhar Padmoncher bet burn 2 maprichan Decom 41 tel a college Bre Dhi Roben Dolline S. Budhimston Det Com Manufac Shymas Pattern 6. Shyamal set corrow Mandare under more Chano potreon Member bestelary \mathcal{F}_{n-1} Bhonen set poince VISER Maharin for ste The Biochversity Management Convetture will be sesponsible for Content-studied and textelnistic utilization of the resources within its area of periodiction. the state

- Store storgal access of his repources within its area of periodiction.
- Furnishing opinion to National Bookversity Authority, Chennal and Triplana Biocliversity Board on various publicits as B, and when required.
- terwing charges by way of collection of fees for accessing/collecting bio-resources for commercial purpose within its 4. area of installetion, as per est. Maintain data about local insiduat and practitioners using biological respo
- а. ź

₫.,

- Maintain register containing information about details of access of biological recourses and traditional kre prantice, details of collection of fee imposed and details of barefits derived and mode of their shoring.
- The incoversity Management Committee will also be involved in documentation of biodiversity and associated inadian and unpowering e.
- Menaporent and use of Bodiversity fand as per guideline's provided by the National Biedliversky Authority and Trippent Vietflepraity Report From time to their

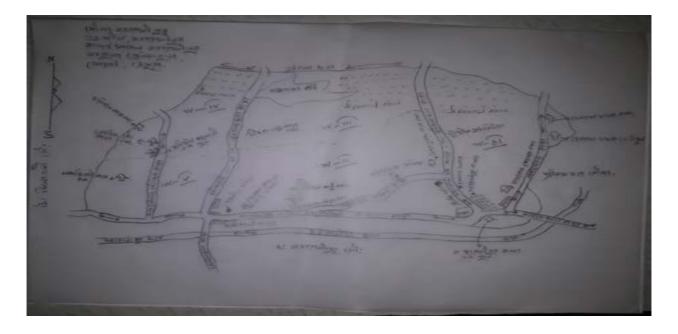
biganitarie of 1 10.1 President 100 $\phi e^{i\theta}$

Bhaur $\mathbf{f}_{\mathbf{r}}$ 2 ft Birn ЪØ e Perrie Berehr Mangakami R.D. Etc. 1 Rhower Trip, ro.

Bank Account

130	পুরা ব	ar:	गेश नाक	T.)	TF	RIPURA GRAMIN BANK		
ABBREVIATIONS									
1.	Cash		Cash	6.	int.		Interest		
2.	Clg		Cleaning	100	Com		Commission		
а.	The.		Transfer	18.			Postage & Telegraph		
.4	Dft.		Draft	9	BC		Bankers Cheque		
5	D.W.		Dividend Warrant	10.	Chas		Other Charges		
NOMPLETION RESISTERED			MEINGLARAMI				E · UTBIOREBTOB		
CON NEW / Customer S					Ampount				
inti / Name (s) Deter: / Address :	.*	35.5	O DIVERSITY NAS						
	MAHAS	AN	PUE ADC VILLAG	E ML	NGLAR	-	13-06-2019		

PRA Map



Certificate for People's Biodiversity Register.

CERTIFICATE

(As per Role 20(10) of the Biological Diversity Roles 2004)

Biodiversity Management Committees

1. Chairman Bupanna Dos.

2. Secretary of BMC (if appointed)

signature with seal & date Smt. Supama Date Chairperson Maharanipur Vitage Committee Mirmia Kani R.D. Block signature with seal & date

(if appointed) Sig al De blomamin and and the state

/baptosh De bbarma 3. Counter signature of representative of NGO/organization/individual involved in PBR exercise.

> Counter Signature with seal & date Member Secretary, SBB or

> > Authorized official of SBB

Uttar Maharanipur BMC office



GPS Location: N23.921127 E91.682828

1.5 Awareness programme and PRA picture of PBR

Awareness programme and PRA Picture of Atharmura BMC









Awareness programme and PRA picture of Dakhin Gukul Nagar BMC









Awareness & PRA Picture of Dakhin Maharanipur BMC



Awareness and PRA picture of Haludia BMC









Awareness & PRA picture of Kakrachhara BMC









Awareness programme and PRA picture of Manik Debbarma BMC









Awareness programme & PRA picture of Namanjoy BMC







Awareness programme & PRA Picture Nunachhara BMC







Awareness & PRA picture of Purba Laxmipur BMC







Awareness & PRA picture of Ramkrishnapur BMC









Awareness & PRA Picture of Sriramkhura BMC









Awareness programme and PRA picture of Uttar Maharanipur BMC



1.6 Data Collection picture of PBR

Atharmura BMC field visit on 03/08/2019





Dakhin Gukul Nagar field visit on 03/08/2019









Dakhin Maharanipur field visit on 04/08/2019









Haludia field visit on 05-06/08/2019













Haludia field visit on 08/08/2019









Manik Debbarma field visit on 09/08/2019









Namanjoy field visit on 11/08/2019





Nunachhara field visit on 12/08/2019







Purbalaxmipur field visit on 13/08/2019









Ramkrishnapur field visit on 15/08/2019









Sriram Khura field visit on 16/08/2019









Uttar Maharanipur field visit on 17/08/2019





2.1 Mungiakami R.D Block Administrative Building



2.2 Estimated population under Mungia Kami R.D Block as per census conducted by Government of India, village wise an	е
given below	

S1 No	Name of village committee	No. of Family					Population				Family Category							
					Min						Min							
		ST	SC	OBC	ority	UR		ST	SC	OBC	ority	UR		APL	BPL	AAY	ANP	Total
							Total						Total					
1	Atharmura	723	1	0	0	0	724	3153	4	0	0	0	3157	401	169	97	12	679
2	Dak. GukulNagar	558	0	0	0	0	558	2262	0	0	0	0	2262	355	153	51	0	559
	Dak.																	
3	Maharanipur	461	0	25	4	0	490	1979	0	124	11	0	2114	190	133	124	13	460
4	Haludia	547	0	0	0	0	547	2690	0	0	0	0	2690	289	240	5	13	547
5	Kakrachhara	474	0	0	0	0	474	1774	0	0	0	0	1774	219	171	72	12	474
	Utt.																	
6	Maharanipur	633	131	0	0	9	773	2491	515	0	0	59	3065	230	269	150	13	662
7	Manik Debbarma	642	0	0	0	0	642	2609	0	0	0	0	2609	467	131	41	0	639
8	Namanjoy	473	0	0	0	0	473	2093	0	0	0	0	2093	69	119	119	68	375
9	Nunachhara	439	0	0	0	0	439	2238	0	0	0	0	2238	42	217	73	13	345
10	Purba Laxmipur	791	2	0	0	0	793	3455	5	0	0	0	3460	401	310	70	12	793
11	Ramkrishnapur	582	0	0	0	0	582	2270	0	0	0	0	2270	229	164	102	10	505
12	Sriram Khura	610	0	0	0	0	610	2398	0	0	0	0	2398	346	158	63	47	614

2.3 Mungiakami R.D Block at a glance

Details of ADC village:-

- 1. Total No. of Gram Panchayat:- Nill
- 2. Total No. of ADC Village Council:- 12
- 3. Total No. of Family:- 8260

Details of Ration Card:-

- 1. Total No. of BPL family:-2518
- 2. Total No. of APL family:- 2923
- 3. Total No. of Anotodhya family:-1065
- 4. Total No. of Ad hock family:- 226

Educational Institution:-

- 1. Total No. of Aganwadi Centre:
- 2. Total No. of J.B. School: 11
- 3. Total No. of S.B. School: 07
- 4. Total No. of Private School: 02
- 5. Total No. of High School: 03

Drinking water sources:-

- 1. L.I Scheme: 11
- 2. Tube Well: 06
- 3. U.H. P: 128
- 4. Sanitary Well: Nill
- 5. Mark-ii: 4
- 6. Deep Tube well:06
- 7. Machinery Well: Nill
- 8. Water Tank: 04
- 9. Pump Line Point: 04
- 10. Water tap: 32

Government Department:-

- 1. Telephone office: Nill
- 2. Helipad: 01
- 3. Sambay Samiti: 01
- 4. D.W. S office: 01
- 5. Animal Husbandry: 01
- 6. Forest Beat Office: 01
- 7. Information Centre: Nill
- 8. Zonal Office: 01

- 9. Revenue Office: 06
- 10. Agriculture Office: 01
- 11. Animal Property Office: Nill
- 12. P.W. D Office: 01
- 13. Police Station:01
- 14. Post Office: Nill
- 15. Homeopathic: Nill
- 16. Primary Health Centre: 01
- 17. Bank: 01

Panchayat Related Others Information:

- 1. B.S.F Camp: 01
- 2. Community Health Centre: Nill
- 3. Self Help Group: 32
- 4. Jhumia Family: 4607
- 5. Total No. of Pond: 172
- 6. Electric Connection: Approximately 7000 families

Pension Details:

- 1. Differently Able pension:62
- 2. National oldage pension:1140
- 3. Widow pension:110
- 4. Single Mother pension: 325
- 5. Girls Child pension:352
- 6. Unorganized labour pension:3

2.4 Importance market under Mungia Kami Market

Sl No	Name of Market	GPS Location	Marketing Day	Selling Items
1	Chakma Ghat	N23.836860	Monday,	Rice, Vegetables,
		E91.688051	Thursday	Dry fish
2	Manik Bazar	N23.808905	Sunday,	,,
		E91.649530	Wednesday	
3	Mungia Kami	N23.871118	Tuesday, Friday	,,
		E91.710544		
4	Namanjoy	N23.931797	Tuesday,	,,
		E91.701513	Saturday	
5	Ganthwrai	N23.919483	Monday, Friday	,,
		E91.685497		



Chakma Ghat Bazar



Manik Bazar



Mungiakami Bazar



Namanjoy Bazar



Ganthwrai Bazar

2.5 Importance Educational Institution under Mungia Kami R.D. Block



Biladhan Reang Chow Para High School



Bahadur Sardar J.B School GPS Location-N23.857576 E91.707424



Hazra Para S.B School



Balaram Kobra Higher Secondary School GPS Location- N23.916888 E91.671359



Tui Tham Pui High School



Sovaram Chowdury S.B School



Khirode Nayak S.B.School GPS Location-N23.851234 E91.695687

2.6 Landscape of Mungiakami R. D Block

The Mungiakami R.D Block is a beautiful with scenic beauty covered with lush greens, full of small and medium size fields similarly have all types of hills, small, medium, and moderately high hills, these hills are basically part of outermost part of eastern Himalyan ranges. Covered by picturesque hills and dales, deep and green valleys. The hills of the area which have added beauty to its landscape run from north to south parallel to one another till they crossed other towns.

Landscape of Atharmura BMC



Forest Land



Jhum Land



Agriculture land



Fish pond

Landscape of Dakhin Gukul Nagar BMC





Agricultural Land

Forest Land



Landscape of Uttar Maharanipur BMC



Forest Land



Agriculture land



Landscape of Haludia BMC





Forest Land

Jhum Land



Agricultural Land



Fishpond



Water Stream

Landscape of Kakra Chhara BMC



Forest Land



Jhum Land



Agriculture land



Water stream



Landscape of Manik Debbarma BMC





Forest Land

Water Streams



Landscape of Namanjoy B.M.C



Agricultural Land



Steams



Forest Land



Landscape of Nunachara BMC



Forest Land



Water stream



Agricultural Land



Landscape of Purbalaxmipur BMC



Agricultural Land



Forest Land



Fishpond



Stream

Landscape of Ramkrishnapur BMC





Jhum Land

Agricultural Land



Fishpond



Forest Land

Landscape of Sriramkhura BMC



Forest Land



Water stream



Fish pond



Agriculture land

Landscape of Uttar Maharani BMC





Agriculture Land

Fishpond



Forest Land

2.7 Domestic animal of Mungiakami R.D Block

Domestic Animal of Atharmura BMC



Pun(Kok)/Sagal(Beng) Capra hircus

Tok(Kok)/Morag(Beng) Galus domesticus



Takhum(Kok)/Haas(Beng) Anas playtyrynchos



Wak(Kok)/Shukar(Beng) Sus domesticus

Domestic Animal of Dakhin Gukul Nagar BMC



Musuk(Kok)/Garu(Beng) Bos indicus



Tok(Kok)/Murag(Beng) Galus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Wak(Kok)/Shukar(Beng) Sus domesticus

Domestic Animal of Dakhin Maharanipur BMC



Tok(Kok)/Morag(Beng) Galus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Musuk(Kok)/Garu(Beng) Bos indicus

Domestic Animal of Haludia BMC



Tok(Kok)/Morag(Beng) Galus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Wak(Kok)/Shukar(Beng) Sus domesticus



Tok(Kok)/Murag(Beng) Galus domesticus

Domestic animal of Kakra Chhara BMC



Tok(Kok)/Morag(Beng) Galus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Aming(Kok)/Biral(Beng) Felis catius



Mwsuk(Kok)/Garu(Beng) Bos indicus

Domestic Animal of Manik Debbarma BMC



Musuk(Kok)/Garu(Beng) Bos indicus



Pun(Kok)/Sagal(Beng) Capra hircus



Wak(Kok)/Shukar(Beng) Sus domesticus



Tok(Kok)/Murag(Beng) Galus domesticus



Takhum(Kok)/Haas(Beng) Anas platyrynchos

Domestic animal of Namanjoy BMC



Tok(Kok)/Morag(Beng) Galus domesticus



Takhum(Kok)/Haas(Beng) Anas playtyrynchos



Pun(Kok)/Sagal(Beng) Capra hircus

Domestic animal of Nuna Chhara BMC



Wak(Kok)/Shukar(Beng) Sus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Swi(Kok)/Kukur(Beng) Canis familiaris

Domestic Animal of Purbalaxmipur BMC



Wak(Kok)/Shukar(Beng) Sus domesticus



Musuk(Kok)/Garu(Beng) Bos indicus



Tok(Kok)/Murag(Beng) Galus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Takhum/Has Anas platyrynchos

Domestic Animal of Ramkrishnapur BMC



Pun(Kok)/Sagal(Beng) Capra hircus



Musuk(Kok)/Garu(Beng) Bos indicus



Takhum(Kok)/Haas(Beng) Anas platyrynchos



Tok/Murag Galus domesticus



Pun Mera(Kok)/Bhera(Beng

***NB:- Kok= Kok Borok language and Beng=Bengali language.

Domestic animal of Sriram Khura BMC



Tok(Kok)/Morag(Beng) Galus domesticus



Pun(Kok)/Sagal(Beng) Capra hircus



Wak(Kok)/Shukar(Beng) Sus domesticus



Musuk(Kok)/Garu(Beng) Bos indicus

***NB:- Kok= Kok Borok language and Beng=Bengali language.

Domestic Animal of Uttar Maharanipur BMC



Pun(Kok)/Sagal(Beng) Capra hircus





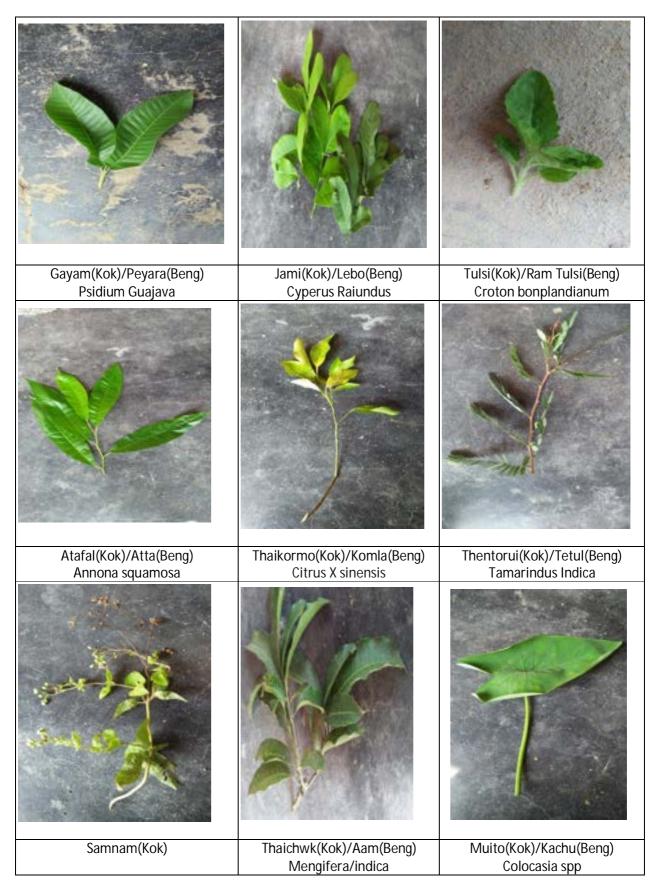
Tok(Kok)/Murag(Beng) Galus domesticus

***NB:- Kok= Kok Borok language and Beng=Bengali language.

3.1 Herbarium of fruits, flowers, Vegetables and Medicinal plants of Uttar Maharanipur BMC

Roktim vat(Beng) Clerodendrum thomsoniae	Rangan(Beng) Ixora	Bwlai Naithok(Kok)/Patabahar(Beng) Sterblus Asper
Thaborchwk(Kok)/	Kashing Mosola(Kok)/Bilati	Sejuna(Kok)/Sashna(Beng)
Bon Aalo(Beng)	Dhaniya(Beng)	Moringa oleifera
Rangan(Kok)/Rangan(Beng) Ixora	Jhaw(Kok)/Jhaw(Beng) Casuarina equisetifolia	Golap(Kok)/Golap(Beng) Rosa Indica

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Uttar Maharanipur BMC



Herbarium of fruits, flowers, Vegetables and Medicinal plants of Uttar Maharanipur BMC

Rangan(Beng) Ixora	Neem(Kok)/Neem(Beng) Azadirachta indica	Samapri(Kok)/Chappa(Beng) Michelia Champaca
Aangan(Kok)/Aakanda(Beng)	Rupali Firn(Beng)	Dal chini(Beng)
Calotropis Gigantea	Pityrogramma Calomelanos	Cinnamomum zeylanicum
Sepalika(Kok)/Sioli(Beng) Nyctanthes arbor	Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis	Bislya Koroni(Kok)/ Bislya Koroni(Beng) Eupatorium Triplinerve

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Uttar Maharanipur BMC

Neem(Kok)/Neem(Beng) Azadirachta indica	Sotwi(Kok)/holdi(Beng) Curcuma longa	Gamai(Kok)/Gamar(Beng) Gmelina arborea
Wakosom(Kok)/Fatika(Beng)	Koskoria Dalok(Kok)	Sejuna(Kok)/Sashna(Beng)
	/Kontoki(Beng)	Moringa oleifera
Rabat(Kok)/Rubber(Beng) Hevea brasiliensis	Kiran(Kok)/Keron(Beng) Jathropha curcus	Krishnakoli(Kok)/Radhalata(Beng) Hiptage benghalensis

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Sriram Khura BMC

	egetables and Medicinal plants	
Khum Kagoz(Kok)/ Kagozful(Beng) Bougainvillea Glabra	Gayam(Kok)/Peyara(Beng) Psidium Guajava	Tulsi(Kok)/Tulsi(Beng) Croton Bonplandianum
	CAR -	
Samsata(Kok)/ Thankuni Pata(Beng) Centella asiatica	Thentorui(Kok)/Tetul(Beng) Tamarindus Indica	
Thaichwk(Kok)/Aam(Beng) Mengifera indica	Jami(Kok)/Lebo(Beng) Cyperus Raiundus	Bwlai Naithok(Kok)/ Patabahar(Beng) Stereblus Asper

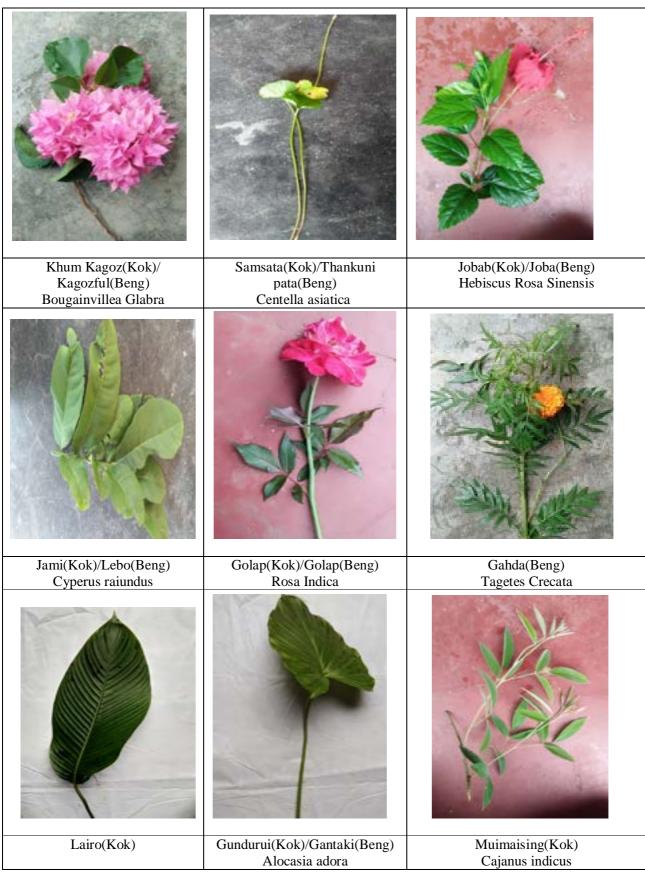
Khum Kagoz(Kok)/ Kagozful(Beng) Bougainvillea Glabra	Muito(Kok)/Kachu(Beng) Colocasia spp	Thaipolok(Kok)/ Chalta(Beng) Dillenia indica
Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis	Thaikormo(Kok)/Komla(Beng) Citrus X sinensis	Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis
Golap(Kok)/Golap(Beng) Rosa Indica	Rangan(Kok)/Rangan(Beng) Ixora	

Golap(Kok)/Golap(Beng) Goyam(Kok)/Peyara(Beng) Tulsi(Kok)/Tulsi(Beng) Pasidium guajava Croton Bonplandianum Rosa Indica Thaikormo(Kok)/Komla(Beng) Thentorui(Kok)/Tetul(Beng) Jami(Kok)/Lebo(Beng) Citrus X sinensis Cyperus Raiundus Tamarindus Indica Bwlai Naithok(Kok)/ Muito(Kok)/Kachu(Beng) Samsata(Kok)/ Thankuni Colocasia spp Pata(Beng) Patabahar(Beng) Centella asiatica Sterblus Asper

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Ram Krishnapur BMC

Thaichwk(Kok)/Aam(Beng) Mengifera/indica	Thaipolok(Kok)/Chalta(Beng) Dillenia indica	Gitakanchan(Kok)/ Gritokumari(Beng) Alor Barbadensis
Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis	Khumpui(Kok)/	Khum Kagoz(Kok)/ Kagozful(Beng) Bougainvillea Glabra
Kasing Masala(Kok)/ Bilati Dhania(Beng) Eryngium Foetidum	Krishnakoli(Kok)/Radhalata(Beng) Hiptage benghalensis	Muito(Kok)/Kachu(Beng) Colocasia spp

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Purba Laxmipur BMC



Muito(Kok)/Kachu(Beng) Colocasia spp	Thaichwk(Kok)/Aam(Beng) Mengifera indica	Thaipolok(Kok)/ Chalta(Beng) Dillenia indica
Thentorui(Kok)/Tetul(Beng) Tamarindus indica	Gayam(Kok)/Peyara(Beng) Psidium Guajava	Tulsi(Kok)/Ram Tulsi(Beng) Croton bonplandianum
Kashing Mosola(Kok)/Bilati Dhaniya(Beng)	Patabahar(Beng) Stereblus asper	Atafal(Kok)/Atta(Beng) Annona squamosa

Gayam(Kok)/Peyara(Beng) Tulsi(Kok)/Tulsi(Beng) Thaikormo(Kok)/Komla(Beng) Psidium Guajava Croton Bonplandianum Citrus X sinensis Thaichwk(Kok)/Aam(Beng) Jami(Kok)/Lebo(Beng) Thentorui(Kok)/Tetul(Beng) Cyperus Raiundus Mengifera indica Tamarindus Indica Atafal(Kok)/Atta(Beng) Khum Kagoz(Kok)/ Rangan(Beng) Kagozful(Beng) Annona squamosa Ixora Bougainvillea Glabra

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Nuna Chhara BMC

Thaipolok(Kok)/ Chalta(Beng) Dillenia indica	Bwlai Naithok(Kok)/ Patabahar(Beng) Stereblus Asper	Pathor kochi(Kok)/Pathor kochi(Beng) Kalanchoe pinnata
Chichiri(Kok)/		Moso(Kok)/Langka(Beng) Capsicum frutescens
Mujmaishing(Kah)/	Stall pada(Kok)/ Stall pada(Pang)	
Muimaishing(Kok)/ Arhor(Beng) Cajanus cagana	Stall pada(Kok)/ Stall pada(Beng)	Kashing Mosola(Kok)/Bilati Dhaniya(Beng)

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Namanjoy BMC

Gayam(Kok)/Peyara(Beng) Psidium Guajava	Khum kagaz(Kok)/ Kagozful(Beng) Bougainvillea glabra	Thaichwk(Kok)/Aam(Beng) Mengifera indica
	Image: Dedgammed glabid	
Bel(Kok)/Bel(Beng)	Jami(Kok)/Lebo(Beng)	Patabahar(Beng)
Aegle marmelos	Cyperus raiunhdus	Stereblus asper
Golap(Kok)/Golap(Beng) Rose indica	Muito(Kok)/Bahari Kocho(Beng) Caladium bicolor	Muimorong(Kok)/

Thentorui(Kok)/Tetul(Beng)	Khakolo(Kok)/Chalkomora(Beng)	Takla Khandai(Kok)/
Tamarindus indica		ימגומ גרומוושמו(גטא)י
A CONTRACT OF A		
Patiba(Kok)/Nayantara(Beng) Catharanthus roseus	Arjun(Kok)/Arjun(Beng) Teminalia Arjune	Eron(Kok)/Keron(Beng) Jatropha curcus
M		
Anaraso Bongbai (Kok)/ Anaras(Beng)	Khum koirabi(Kok)/ Lotkorobi(Beng) Allamanda cathartica	Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis

Patiba(Kok)/Nayantara(Beng) Catharanthus roseus	Koirobi(Kok)/kolke(Beng) Cascabela thevetia	Anaraso bilati (Kok)/Anaras(Beng)
Mokiri(Kok)/Moricha)(Beng) Eupatorium ayapana	Kesor(Beng) Ebocharis dulcis	Thaipung(Kok)/Kathal(Beng) Artocarpus intchrifolius
- Capatorian dyapana		
Kasing mosala(Kok)/Bilati Dhaniya(Beng) Eryngium foetidum	Patabahar(Beng) Stereblus asper	Pathorkochi(Kok)/Patharkochi (Beng) Kalanchoe pinanta

**** NB: Kok – Kokborok & Beng – Bengali

Khum kagaz(Kok)/ Kofor Jabab(Kok)/ Sada Jobab(Kok)/Joba(Beng) Kagozful(Beng) Joba(Beng) Hebiscus Rosa Sinensis Bougainvillea glabra Habiscus Rosa Sinensis Goyam(Kok)/Peyara(Beng) Tulsi(Kok)/Tulsi(Beng) Jami(Kok)/Lebo(Beng) Pasidium guajava **Croton Bonplandianum Cyperus Raiundus** Bwthai Kormo(Kok)/ Patabahar(Beng) Thentorui(Kok)/Tetul(Beng) Komola(Beng) Stereblus asper Tamarindus Indica

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Manik Debbarma BMC

Kamarangga(Kok)/Beng Averrhos Carambola	Aatafal(Kok)/Avah(Beng) Anana reticulata	Khum kagaz(Kok)/ Kagozful(Beng) Bougainvillea glabra
Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis	Golap(Kok)/Golap(Beng) Rosa Indica	Rangan(Kok)/Rangan(Beng) Ixora
Stall Pada(Kok)/Stall pada(Beng)/	Rangan(Kok)/ Rangan(Beng) Ixora	Thaipung(Kok)/Kathal(Beng) Artocarpus intchrifolius

Bwruifang(Kok)/Bot(Beng) Ficus benghalensis	Bel(Kok)/Bel(Beng) Aegle marmelos	Thaichwk(Kok)/Aam(Beng) Mengifera/indica
Mokiri(Kok)/Moricha(Beng) Eupatorium ayapana	Lichu(Kok)/Lichi(Beng) Litchi cinensis	Pathorkochi(Kok)/Patharkochi (Beng)
		Kalanchoe pinanta
Patabahar(Beng)	Segun(Kok)/Segun(Beng)	Patabahar(Beng)
Stereblus asper	Tectona grandis	Stereblus asper

**** NB: Kok – Kokborok & Beng – Bengali

Orai(Kok)/Bon Dhania(Beng) Rangan(Beng) Golap(Kok)/Golap(Beng) Rosa Indica Scoparia dulcis Ixora Khum Kagoz(Kok)/ Kagozful(Beng) Korok(Kok)/Aakh(Beng) Bwlai Naithok(Kok)/ Patabahar(Beng) Saccharum officinarum Stereblus Asper Bougainvillea Glabra Patiba(Kok)/Nayantara(Beng) Catharanthus roseus Bel(Kok)/Bel(Beng) Khumpui(Kok)/ Aegle marmelos

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Kakra Chhara BMC

Gayam(Kok)/Peyara(Beng) Psidium Guajava	Tulsi(Kok)/Tulsi(Beng) Croton Bonplandianum	Thaikormo(Kok)/Komla(Beng) Citrus X sinensis
Samsata(Kok)/Thankuni pata(Beng)	Atafal(Kok)/Atta(Beng) Annona squamosa	Samnum(Kok)
Centella asiatica		
Thentorui(Kok)/Tetul(Beng) Tamarindus Indica	Bwlai Naithok(Kok)/ Patabahar(Beng) Stereblus Asper	Kasing Masala(Kok)/ Bilati Dhania(Beng) Eryngium Foetidum

Tejpata(Beng)/Tejpata (Beng) Cinnamomum tamala	Gundaraj(Kok)/	Eron(Kok)/Keron(Beng) Jatropha curcus
Banta(Kok)/	Bwlai Naithok(Kok)/Patabahar(Beng) Sterblus Asper	Krishnakoli(Kok)/Radhalata(Beng) Hiptage benghalensis
Shishu(Kok)/Cactus (Pereskja grandiflora)	Sepalika(Kok)/Sioli(Beng) Nyctanthes arbor	Bwlai Naithok(Kok)/ Patabahar(Beng) Stereblus Asper

Gayam(Kok)/Peyara(Beng) Samsata(Kok)/Thankuni Tulsi(Kok)/Tulsi(Beng) Psidium Guajava Croton Bonplandianum pata(Beng) Centella asiatica Thentorui(Kok)/Tetul(Beng) Thaikormo(Kok)/Komla(Beng) Kamaranga(Kok)/Kamranga(Beng) Tamarindus indica Averrhoa/Carambola Citrus X sinensis Atafal(Kok)/Atta(Beng) Jami(Kok)/Lebo(Beng) Muito(Kok)/Kachu(Beng) Colocasia spp **Cyperus Raiundus** Annona squamosa

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Haludia BMC

Thaichwk(Kok)/Aam(Beng) Mengifera indica	Khum kagaz(Kok)/ Kagozful(Beng) Bougainvillea glabra	Thaipolok(Kok)/Chalita(Beng) Dillenia indica
Rangan(Beng) Ixora	Golap(Kok)/Golap(Beng) Rosa Indica	Muito(Kok)/ Bahari Kachu(Beng) Caladium Bicolor
Jhaw(Kok)/Jhaw(Beng) Casuarina equisetifolia	Arjun(Kok)/Arjun(Beng) Teminalia Arjune	Gantha(Kok)/Khakron(Beng) Tythonium trilobatum

	- H	
Patabahar(Beng)	Haching(Kok)/Aada(Beng)	Patiba(Kok)/Nayantara(Beng)
Stereblus asper	Zingiber officinale	Catharanthus roseus
Patabahar(Beng) Stereblus asper	Pathorkochi(Kok)/Patharkochi (Beng) Kalanchoe pinanta	Kasing mosala(Kok)/Bilati Dhaniya(Beng) Eryngium foetidum
Koirobi(Kok)/kolke(Beng)	Kesor(Beng)	Jamora(Kok)/Jambura(Beng)
Cascabela thevetia ***** NB: Kok – Kokborok	Ebocharis dulcis	Citrus maxima

Thaikormo(Kok)/Komla(Beng) Citrus X sinensis Jami(Kok)/Lebo(Beng) Aatafal(Kok)/Avah(Beng) Cyperus raiundus Anana reticulata Thaipolok(Kok)/Chalita(Beng) Dillenia indica Kamaranga(Kok)/ Thaichwk(Kok)/Aam(Beng) Kamranga(Beng) Mengifera/indica Averrhoa carambola Rangan(Kok)/Rangan(Beng) Golap(Kok)/Golap(Beng) Jobab(Kok)/Joba(Beng) Rosa Indica Hebiscus Rosa Sinensis Ixora

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Dakhsin Maharani BMC

Bon okra(Beng) Urana lobata	Khamka Sikam(Kok)/ Ban Begun(Beng) Solanum myricanthum	Samsundro(Kok)/ Lajjapati(Beng) Mimusa pudica
Goyam(Kok)/Peyara(Beng) Psidium Guajava	Tulsi(Kok)/Tulsi(Beng) Ocimum besilicus	Samsata(Kok)/Thankoni Pata(Beng)
Thentorui(Kok)/Tetul(Beng) Tamarindus indica	Rabat(Kok)/Rubber(Beng) Hevea brasiliensis	Muito(Kok)/Kochu(Beng) Calcosia Spp

Khum Kagoz(Kok)/ Kagozful(Beng) Bougainvillea Glabra	Rangan(Beng) Ixora	Bwlai Naithok(Kok)/ Patabahar(Beng) Stereblus Asper
Aangan(Kok)/Aakanda(Beng) Calotropis Gigantea		Khum Kagoz(Kok)/ Kagozful(Beng) Bougainvillea Glabra
Basok(Kok)/Kalobasok(Beng) Adhatoda Vasica	Khum Koirobi(Kok)/ Lotkorobi(Beng) Allamanda Cathartica	Khumball(Kok)/Taraful(Beng) Haemanthus multiflorus

***** NB: Kok – Kokborok & Beng – Bengali

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Dakhin Gukul Nagar BMC

Bon okra(Beng) Urana lobata	Khamka Sikam(Kok)/ Ban Begun(Beng) Solanum myricanthum	Goyam(Kok)/Peyara(Beng) Psidium guajava
Tulsi(Kok)/Ram Tulsi(Beng) Croton bonplandianum	Samsata(Kok)/Thankoni Pata(Beng)	Korok(Kok)/Aakh(Beng) Saccharum officinarum
Kiran(Kok)/Keron(Beng) Jathropha curcus	Jami(Kok)/Lebo(Beng) Cyperus raiundus	Kamaranga(Kok)/
	171	

Muito(Kok)/Kachu(Beng)	Joba(Kok)/Joba(Beng)	Thaipolok(Kok)/Chalta(Beng)
Colocasia spp.	Hibiscus rosa sinensis	Dillenia indica
Harkakra(Beng)	Orai(Kok)/Ban dhania	Thaikormo(Kok)/Komla(Beng)
Allamanda Cathartica	Scoparia dulcis	Citrus X sinensis
Aatafal(Kok)/Avah(Beng)	Thentorui(Kok)/Tetul(Beng)	Thaichwk(Kok)/Aam(Beng)
Anana reticulata	Tamarindus indica	Mengifera/indica

Roktim vat(Beng) Clerodendrum thomsoniae	Khum kagaz(Kok)/ Kagozful(Beng) Bougainvillea glabra	Rangan(Kok)/Rangan(Beng) Ixora
Khakolo(Kok)	Bwlai Naithok(Kok)/Patabahar(Beng) Sterblus Asper	Gahda(Beng) Tagetes Crecata
Introduction (Kok)/Introduction		Rabat(Kok)/Rubber(Beng)
Jobab(Kok)/Joba(Beng) Hebiscus Rosa Sinensis	Gitakanchan(Kok)/ Gritokumari(Beng) Alor Barbadensis	Rabat(Kok)/Rubber(Beng) Hevea brasiliensis
***** NB: Kok –Kokborol	O Dana Danaali	

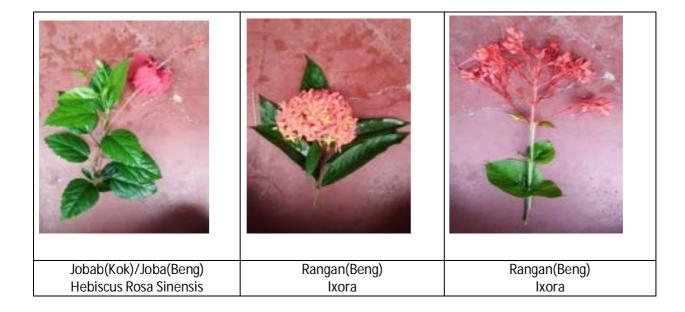
***** NB: Kok –Kokborok & Beng – Bengali

Herbarium of fruits, flowers, Vegetables and Medicinal plants of Atharmura BMC

Kangro(Kok)/Kakrol(Beng) Momordica dioica	Korok(Kok)/Aakh(Beng) Saccharum officinarum	Togar(Beng) Tabernal montana
Sefalika(Kok)/Sefelika(Beng) Nyctanthes arbor	Bislya Koroni(Kok)/ Bislya Koroni(Beng) Eupatorium Triplinerve	Bwlai naithok(Kok)/ Patabahar(Beng)
Dalok boso(Kok)/Katonte Amaranthus Spinosus	Basok(Kok)/Kalobasok(Beng) Adhatoda Vasica	Gitakanchan(Kok)/Gritokumari(Beng) Alor Barbadensis

Goyam(Kok)/Peyara(Beng)	Tulsi(Kok)/Tulsi(Beng)	Segun(Kok)/Segun(Beng)
Psidium guajava	Croton Bonplandianum	Tectona grandis
Thengtwrwi(Kok)/tetul(Beng)	Atafal(Kok)/Atta(Beng)	Khamka Sikam/Ban Begun
Tamarindus Indica	Annona squamosa	Solanum myricanthum
Joba(Kok)/Joba(Beng)	Thaikormo(Kok)/Komla(Beng)	Jami(Kok)/Lebo(Beng)
Hibiscus rosa sinensi	Citrus X sinensis	Cyperus raiunhdus

Samsundru(Kok)/Lajjapati(Beng) Mumosa pudika	Muito(Kok)/Kachu(Beng) Colocasia spp	Kamaranga(Kok)/Kamranga(Beng) Averrhoa/Carambola
Thaipolok/Chhalta Dillenia Indica	Kowai(Kok)/Supari(Beng) Areca catechu	Khum kagaz(Kok)/ Kagozful(Beng) Bougainvillea glabra



**** NB: Kok = Kokborok & Beng = Bengali

3.2 Big plant of Mungiakami R.D Block

Big Plants of Atharamura BMC



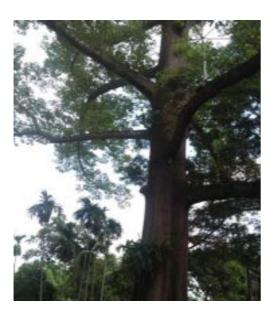
Segun(Kok)/Segun(Beng)

Tectona grandis



Shal(Kok)/Shal(Beng)

Dalbergia latifolia



Borchuk(Kok)/Tula(Beng)

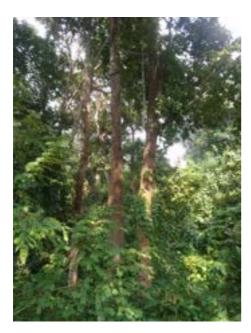
Bombex cibia



Thaichuk(Kok)/Aam(Beng)

Mangifera indica

Big plants of Dakhin Gukul Nagar BMC



Shal(Kok)/Shal(Beng) Dalbergia latifolia



Khurui(Kok)/Karai(Beng) Albizia procera



Segun(Kok)/Segun(Beng) Tectona grandis



Thentwirui(Kok)/Tetul(Beng) Tamarindus indica



Thaichuk(Kok)/Aam(Beng)

Mangifera indica



Big plant of Dakhin Maharanipur BMC



Segun(Kok)/Segun(Beng)

Tectona grandis



Thaichuk(Kok)/Aam(Beng) Mangifera indica



Bwrwiphang(Kok)/Bhatgas(Beng)

Ficus Benghalansis

Wild Plants of Haludia BMC



Khurui(Kok)/Koroi(Beng) Albizia procera



Bwrwiphang(Kok)/Bhatgas(Beng) Ficus Benghalansis



Sal(Kok)/Kanak(Beng) Shorea robusta



Segun(Kok)/Segun(Beng) Tectona grandis

Big plant of Dakhin Kakrachhara BMC



Mandakak(Kok)/kanak(Beng)

Shorea robusta



Segun(Kok)/Segun(Beng)

Tectona grandis



Thaichuk(Kok)/Aam(Beng)

Mangifera indica

Big Plants of Manik Debbarma BMC



Khurui(Kok)/Karai(Beng) Albizia procera



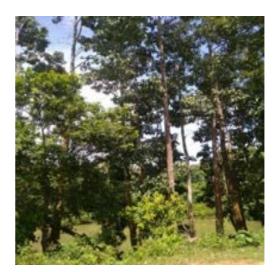
Bwrwiphang(Kok)/Bhatgas(Beng)

Ficus Benghalansis



Segun(Kok)/Segun(Beng)

Tectona grandis



Shal(Kok)/Shal(Beng) Dalbergia latifolia

Big plant of Namanjoy BMC



Thaichuk(Kok)/Aam(Beng)

Mangifera indica



Segun(Kok)/Segun(Beng)

Tectona grandis



Bwrwiphang(Kok)/Bhatgas(Beng)

Ficus Benghalansis

Wild Plants of Nuna Chhara BMC



Mandagog(Kok)/Chamol(Beng) Artocarpus chaplasa



Sal(Kok)/Sal(Beng) Shorea robusta



Thaichuk(Kok)/Aam(Beng) Mangifera indica



Mandagog(Kok)/Chamol(Beng) Artocarpus chaplasa



Segun(Kok)/Segun(Beng) Tectona grandis ***NB:- Kok= Kok Borok language and Beng=Bengali language.

Wild Plants of Purba Laxmipur BMC



Khurui(Kok)/Karai(Beng) Albizia procera



Shal(Kok)/Shal(Beng) Dalbergia latifolia



Segun(Kok)/Segun(Beng)

Tectona grandis



Shal(Kok)/Shal(Beng) Dalbergia latifolia

Wild Plants of Ram Krishnapur BMC



Segun(Kok)/Segun(Beng) Tectona grandis



Jwram(Kok)/Chamal(Beng) Artocarpus chaplasa



Khurui(Kok)/Karai(Beng)

Albizia procera

Wild Plants of Sriram Khura BMC



Segun(Kok)/Segun(Beng)

Tectona grandis



Shal(Kok)/Shal(Beng)

Dalbergia latifolia



Thaichuk(Kok)/Aam(Beng)

Mangifera indica

Big plant of Uttar Maharanipur BMC



Khurui(Kok)/Karoi(Beng)

Albizia procera



Thaipung(Kok)/Kathal(Beng)

Artocarpus heterophoyllas



Gamai(Kok)/Gamai(Beng)

Gmelina Arborea

3.3 Ornamental flower of Mungiakami R.D Block

Flowers of Dakhin Gukul Nagar BMC



Jabab(Kok)/Jaba(Beng)

Hibicus rosa sinensis





Kalendula(Beng) Calendula officinalis



Jabab(Kok)/Jaba(Beng)

Hibicus rosa sinensis





Khum sarik(Kok)/Nanda dulal(Beng) Mirabilis jalapa



Beli(Beng) Jasmina sambec



Buduk Karabi(Kok)/Lotkarabi(Beng) Allamanda cathartica



Khum shisu(Kok)/cuctas(Beng) Pereskja grandiflora

Various flowers of Uttar Maharanipur BMC



Gulab(kok)/Gulab(Beng) Rosa



Rangan(Beng) Ixora



Khum kagaj(Kok)/Kagajful(Beng) Bougainvillea spectabillis



Khum kagaj(Kok)/Kagajful(Beng) Bougainvillea spectabillis



Satrabangal(Kok)/Ganda(Beng) Tagetes patula



Jabab(Kok)/Jaba Hibiscus rosa senensis



Bwlai naithok(Kok)/Pata bahar(Beng) Codiaeum variegatum



Butam ful Gomphrena globosa

Flowers of Haludia BMC



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



Kalbati(Beng) Canna indica





Khum Khamchui(Kok)/Tagar(Beng) Tabernal montana





Patiba(Kok)/Nayantara(Beng) Catharanthus roseus



Khumpui(Kok)/Mukta(Beng) Schumannianthus dichotomus



Karabi(Kok)/Kalake(Beng) Jhevetia penuviana



Gundaraj(Kok)/Gandaraj(Beng) Gardenia Jaminoides



Wakosom(Kok)/Futki(Beng) Melastoma malabathricum

Flowers of Kakra Chhara BMC



Patibar(Kok)/Nayantara(Beng) Catharanthus roseus



Jabab(Kok)/Jaba(Beng) Hibicus rosa sinensis



Khum lairo(Kok)/ Kalabati(Beng) Canna indica



Kalendula(Beng) Calendula officinalis



Kalendula(Beng) Calendula officinalis



Jabab(Kok)/Jaba(Beng) Hibicus rosa sinensis

Flowers of Manik Debbarma BMC



Karabi(Kok)/Kalake(Beng) Jhevetia penuviana



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis





Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



(Kok)/Lentana(Beng) Lantana camara



Harkakra(Beng) Allamanda cahtartica



Gulab(Kok)/Gulap(Beng) Rosa



-(Kok)/Kalendula(Beng) Calendula officinalis



Khum sarik(Kok)/Nandadulal Mirabilis jalapa



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



Khum sarik(Kok)/Nandadulal Mirabilis jalapa



Gulab(Kok)/Gulap(Beng) Rosa



-(Kok)/Dupati(Beng) Impatiens balsamina



Buduk Karabi(Kok)/Lotkarabi(Beng) Allamanda cathartica





Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis

Flowers of Namanjoy BMC



Khum lairu(Kok)/Kalabati(Beng) Canna indica



Tokgwla Khandai





–(Kok)/Butam ful Gomphrena globosa

Flowers of Nuna Chhara BMC



Jabab(Kok)/Jabab(Beng) Hibiscus rosa sinensis



Kalendula(Beng) Calendula officinalis



Jabab(Kok)/Jabab(Beng) Hibiscus rosa sinensis



(Kok)/Rangan(Beng) Ixora

Flowers of Purba Laxmipur BMC



Patibar(Kok)/Nayantara(Beng) Catharanthus roseus



-(Kok)/Kalendula(Beng) Calendula officinalis





Khum khamchui(Kok)/Tagar(Beng) Tabernal Montana



Jabab(Kok)/Jaba(Beng) Hibicus rosa sinensis



Jabab(Kok)/Jaba(Beng) Hibicus rosa sinensis

Flowers of Ram Krishnapur BMC



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis





Khum sarik(Kok)/Nandadulal Mirabilis jalapa



Patibar(Kok)/Nayantara(Beng) Catharanthus roseus



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis







Patibar(Kok)/Nayantara(Beng) Catharanthus roseus

Flowers of Sriram Khura BMC



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



Khum kagaj(Kok)/Kagajful(Beng) Bougainvillea spectabillis



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



Butam ful Gomphrena globosa

Flowers of Uttar Maharanipur BMC



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



Khum sarik(Kok)/Nandadulal Mirabilis jalapa



Gulab(kok)/Gulab(Beng) Rosa



Boduk korobi(Kok)/Harkakra(Beng) Allamanda cahtartica





Shisu(Kok)/Cactus Pereskia grandiflora



-(Kok)/Rangan(Beng) Ixora



Jabab(Kok)/Jaba(Beng) Hibiscus rosa sinensis



Kalendula(Beng) Calendula officinalis



Gulab(kok)/Gulab(Beng) Rosa



Khummali(Kok)/Madbilta(Beng) Hiptage benghalensis



Khum Khamchui(Kok)/Tagar(Beng) Tabernal montana



Aparajita(Beng) Ploygala crotalarioides



Khum kagaj(Kok)/Kagajful(Beng) Bougainvillea spectabillis

3.4 Various Fruit of Mungiakami R.D Block

Fruit of Atharmura BMC



Bel(Kok)/Bel (Beng) Aegle marmelos



Thailik(Kok)/Kala(Beng) Musa sapientum



Atafal(Kok)/Atafal(Beng) Anana retriculata



Koifal(KoK)/Pepe (Beng) Carica papaya



Gayam(Kok)/Peyara(Beng) Psidium guajava ***NB:- Kok= Kok Borok language and Beng=Bengali language.

Fruit of Dakhin Gukul Nagar BMC



Naikwra(Kok)/Narikel(Beng) Cocos nucifera



Jami(Kok)/Lebu(Beng) Cyperus raiunhdus



Gayam(Kok)/Peyara(Beng) Psidium guajava



Jai thailik(Kok)/Sharpi Kala(Beng) Musa sapientum



Andraso(Kok)/Anaras(Beng) Ananas comosus

Fruit of Dakhin Maharanipur BMC



Thaifolok(Kok)/Chalta(Beng) Dillenia indica



Kamaranga(Kok)/Kamganga(Beng) Averrhoa carambola



Thaikormo(Kok)/Kamala(Beng) Citrus Sinensis



Jami(Kok)/Lebo(Beng) Citrus limon

Fruits of Haludia BMC



Thailik(Kok)/Kala(Beng) Musa sapientum



Jami(Kok)/Lebu(Beng) Citrus limon



Jamra(Kok)/Jambura(Beng) Citrus Maxima



Gayam(Kok)/Peyara(Beng) Psidium guajava



Koifal(Kok)/Pepe(Beng) Carica papaya



Anarasw(Kok)/Anaras(Beng) Ananas comosus

Fruits of the Kakrachhara BMC



Koifal(KoK)/Pepe (Beng) Carica papaya



Bel(Kok)/Bel (Beng) Aegle marmelos



Jamra(Kok)/Jambura(Beng) Citrus Maxima



Gayam(Kok)/Peyara(Beng) Psidium guajava



Thaifolok(Kok)/Chalta(Beng) Dillenia indica ***NB:- Kok= Kok Borok language and Beng=Bengali language.

Fruits of Manik Debbarma BMC



Koifal(Kok)/Pepe(Beng) Carica papaya



Thaifolok(Kok)/Chalta(Beng) Dillenia indica



Naikwra(Kok)/Narikel(Beng) Cocos nucifera

Fruit of Namanjoy BMC



Thenturwi(Kok)/Tetul(Beng) Tamarindus indica



Bel(Kok)/Bel (Beng) Aegle marmelos



Jamra(Kok)/Jambura(Beng) Citrus Maxima



Koifal(KoK)/Pepe (Beng) Carica papaya



Thailik(Kok)/Kala(Beng) Musa sapientum

Fruit of Nuna Chhara BMC



Thailik(Kok)/Kala(Beng) Musa sapientum



Koifal(KoK)/Pepe (Beng) Carica papaya



Jamra(Kok)/Jambura(Beng) Citrus Maxima



Anarasw(Kok)/Anaras(Beng) Ananas comosus



Thaifolok(Kok)/Chalta(Beng) Dillenia indica ***NB:- Kok= Kok Borok language and Beng=Bengali language.

Fruits of Purba Laxmipur BMC



Gayam(Kok)/Peyara(Beng) Psidium guajava



Thailik(Kok)/Kala(Beng) Musa sapientum



Naikwra/Narikel Cocos nucifera

Fruits of Ram Krishnapur BMC



Thailik(Kok)/Kala(Beng) Musa sapientum



Thai Kormo(Kok)/Kamala(Beng) Citrus Sinensis



Koifal(Kok)/Pepe(Beng) Carica papaya



Jamra(Kok)/Jambura(Beng) Citrus maxima



Thaifolok(Kok)/Chalta(Beng) Dillenia indica ***NB:- Kok= Kok Borok language and Beng=Bengali language.

Fruit of Sriramkhura BMC



Bel(Kok)/Bel (Beng) Aegle marmelos



Koifal(Kok)/Pepe(Beng) Carica papaya



Thaifolok(Kok)/Chalta(Beng) Dillenia indica



Jamra(Kok)/Jambura(Beng) Citrus Maxima

Fruits of Uttar Maharanipur BMC



Jamra(Kok)/Jambura(Beng) Citrus Maxima



Naikwra(Beng)/Narikel(Beng) Cocos nucifera



Koifal(Kok)/Pepe(Beng) Carica papaya



Anarasw(Kok)/Anaras(Beng) Ananas comosus



Thailik(Kok)/Kala(Beng) Musa sapientum



Thaipung(Kok)/Kathal(Beng) Artocarpus heterophyllus



Gayam(Kok)/Peyara(Beng) Psidium



Dalim(Kok)/Dalim(Beng) Punica granatum



Leuar(Kok)

3.5 Medicinal plant and uses of Mungiakami R.D Block

Medicinal Plants and traditional uses of Atharmura BMC



Patibar(Kok)/Nayantara(Beng) (Catharanthus roseus)

In traditional medicine, the periwinkle has been used for relieving muscle pain, depression of the central nervous system, also used for applying to wasp stings and to heal wounds. Its application ranges widely from the prevention of diabetes to treatment of stomach ache.

Tulsi Kufur(Kok)/Ram Tulsi(Beng) (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of **Ocimum sanctum** Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...





Neem (Kok)/Neem(Kok) (Azadirachta indica)

Neem oil is used for healthy hair, to improve liver function, detoxify the blood, and balance blood sugar levels. Neem leaves have also been used to treat skin diseases like eczema, psoriasis, etc.



Basak(Kok)/Basak(Beng) (Adhatoda vasica)

Vasica shows an antispasmodic and expectorant effect, and has been used for centuries with much success to treat asthma, chronic bronchitis, and other respiratory conditions. The powdered of herb, boiled with sesame oil, is used to heal ear infections and arrest bleeding.

Switwi(Kok)/Halud(Beng) (Curcuma longa)

Turmeric and especially its most active compound curcumin have many scientifically-proven health benefits, such as the potential to prevent heart disease, Alzheimer's and cancer. It's a potent anti-inflammatory and antioxidant and may also help improve symptoms of depression and arthritis.





Gita Kanchan(Kok)/Drita kumara(Beng) (Aloe Barbodensis)

This is a list of the benefits of aloe vera:

Contains healthful plant compounds. ... Antioxidant and antibacterial **properties**. ... Accelerates the healing of burns. ... Reduces dental plaque. ... Helps treat canker sores. ... Reduces constipation. ... May improve skin and prevent wrinkles. ... Lowers blood sugar levels.

Medicinal Plants and traditional uses of Dakhin Gukul Nagar BMC



Patharkuchi/Patharkuchi (Kalanchoe pinanta)

Medicinal/Cultural/Economic usage: While not native to the Bahamas Kalanchoe pinnata is used widely for medicinal purposes including respiratory illnesses (asthma, coughing, tuberculosis) and pain (headaches strains, painful urination/kidney infections).

Tulsi/Tulsi (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of Ocimum sanctum Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...





Angun(Kok)/ Akanda(Beng) (Calotropis gigantean)

The plant is reported as effective in treating skin, digestive, respiratory, circulatory and neurological disorders and was used to treat fevers, elephantiasis, nausea, vomiting, and diarrhea. The milky juice of Calotropis procera was used against arthritis, cancer, and as an antidote for snake bite.



Mwsa Bilati(Kok)/Marich(Beng) (Capsicum annuum)

Capsicum is most commonly used for rheumatoid arthritis (RA), osteoarthritis, and other painful conditions. It is also used for digestion problems, conditions of the heart and blood vessels, and many other conditions, but there is no good scientific evidence for many of these uses.

Patibar(Kok)/Nayantara(Beng) (Catharanthus roseus)

In traditional medicine, the periwinkle has been used for relieving muscle pain, depression of the central nervous system, also used for applying to wasp stings and to heal wounds. Its application ranges widely from the prevention of diabetes to treatment of stomach ache



Medicinal Plants and traditional uses of Dakhin Maharanipur BMC



Patibar(Kok)/Nayantara(Beng) (Catharanthus roseus)

In traditional medicine, the periwinkle has been used for relieving muscle pain, depression of the central nervous system, also used for applying to wasp stings and to heal wounds. Its application ranges widely from the prevention of diabetes to treatment of stomach ache.

Tulsi Kufur(Kok)/Ram Tulsi(Beng) (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of **Ocimum sanctum** Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...





Basak(Kok)/Basak(Beng) (Adhatoda vasica)

Vasica shows an antispasmodic and expectorant effect, and has been used for centuries with much success to treat asthma, chronic bronchitis, and other respiratory conditions. The powdered of herb, boiled with sesame oil, is used to heal ear infections and arrest bleeding.

Switwi(Kok)/Halud(Beng) (Curcuma longa)

Turmeric and especially its most active compound curcumin have many scientifically-proven health benefits, such as the potential to prevent heart disease, Alzheimer's and cancer. It's a potent anti-inflammatory and antioxidant and may also help improve symptoms of depression and arthritis.





Gita Kanchan(Kok)/Drita kumara(Beng) (Aloe Barbodensis)

This is a list of the benefits of aloe vera:

Contains healthful plant compounds. ... Antioxidant and antibacterial **properties**. ... Accelerates the healing of burns. ... Reduces dental plaque. ... Helps treat canker sores. ... Reduces constipation. ... May improve skin and prevent wrinkles. ... Lowers blood sugar levels.

Medicinal Plants of Haludia BMC



Tulsi/Tulsi (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of Ocimum sanctum Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases.

Angun/Akanda (Calotropis gigantean)

The plant is reported as effective in treating skin, digestive, respiratory, circulatory and neurological disorders and was used to treat fevers, elephantiasis, nausea, vomiting, and diarrhea. The milky juice of Calotropis procera was used against arthritis, cancer, and as an antidote for snake bite.





Patharkuchi/Patharkuchi (Kalanchoe pinanta)

Medicinal/Cultural/Economic usage: While not native to the Bahamas Kalanchoe pinnata is used widely for medicinal purposes including respiratory illnesses (asthma, coughing, and tuberculosis) and pain (headaches strains, painful urination/kidney infections).

Medicinal Plan of Kakra Chhara BMC



Angun/Akanda (Calotropis gigantean)

The plant is reported as effective in treating skin, digestive, respiratory, circulatory and neurological disorders and was used to treat fevers, elephantiasis, nausea, vomiting, and diarrhea. The milky juice of Calotropis procera was used against arthritis, cancer, and as an antidote for snake bite.

Kwsa kwthang(Kok)/Bishwalyakarani(Beng) triplinerve

(Eupatorium

A hot infusion is emetic and diaphoretic. Decoction of the leaves is antiseptic and haemostatic; useful against various kinds of haemorrhage and to clean foul ulcers. An aqueous extract of the dried leaves is a cardiac stimulant. Fresh leaves are used by the Marma for cut and stomachache.





Shisu(Kok)/Cactus(Beng) (Cactaceae)

Prickly pear cactus — or also known as nopal, opuntia and other names — is promoted for treating diabetes, high cholesterol, obesity and hangovers. It's also touted for its antiviral and anti-inflammatory properties.



Karabi(Kok)/Kalake(Beng)(Thevetia peruviana)

Thevetia peruviana is used medicinally throughout the tropics in spite of its toxicity. A bark or leaf decoction is taken to loosen the bowels, as an emetic, and is said to be an effective cure for intermittent fevers. In Senegal water in which leaves and bark were macerated is taken to cure amenorrhoea.

Tulsi (Kok)/Tulsi(Beng) (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of Ocimum sanctum Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...



Medicinal plant of Manik Debbarma BMC



Kachan Gita/Dritakumari (Aloe barbadensis)

Digestive help **Aloe** latex contains aloin, which is an anthraquinone that gives **aloe vera** its laxative properties and may help treat constipation. (5) Treating skin conditions, such as psoriasis and acne **Aloe** creams have a calming effect on the skin and have been shown to help reduce itchiness and inflammation.Jun 20, 2018

Angun/Akanda (Calotropis gigantean)

The plant is reported as effective in treating skin, digestive, respiratory, circulatory and neurological disorders and was used to treat fevers, elephantiasis, nausea, vomiting, and diarrhea. The milky juice of **Calotropis procera** was used against arthritis, cancer, and as an antidote for snake bite.





Tulsi/Tulsi (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of **Ocimum sanctum** Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...



Aparjit/Aparajita (Clitoria ternatea)

commonly known as 'Butterfly pea', a traditional Ayurvedic medicine, has been used for centuries as a memory enhancer, nootropic, antistress, anxiolytic, antidepressant, anticonvulsant, tranquilizing and sedative agent.

Datura/Dutura (Datura metel)

The seeds of **Datura** are analgesic, anthelmintic and antiinflammatory and as such, they are used in the treatment of stomach and intestinal pain that results from worm infestation, toothache, and fever from inflammation. The juice of its fruit is applied to the scalp, to treat dandruff and falling hair.





Jagatmadan(Beng) Justicia gendarussa

An infusion of the leaves is taken internally in the treatment of pains in the head, paralysis of one side of the body and facial paralysis. The leaf juice is used in the treatment of earache. The bitter root is anodyne, diaphoretic, diuretic and laxative. The root bark is emetic.

Medicinal plant of Namanjoy BMC



Letak(Kok)/Lala keron(Beng) (Jatropha gossypifolia)

Jatropha gossypifolia is traditionally used for family planning. Traditionally it also used as Pesticidal, Coagulant, Anticancer, Purgative and Antileproticpotential, emmenagogue, stomachache, venereal disease and as blood purifier.

Patibar(Kok)/Nayantara(Beng) (Catharanthus roseus)

In traditional medicine, the periwinkle has been used for relieving muscle pain, depression of the central nervous system, also used for applying to wasp stings and to heal wounds. Its application ranges widely from the prevention of diabetes to treatment of stomach ache.





Hasing(Kok)/ Aada(Beng)(Zingiber officinale)

Ginger has a very long history of use in various forms of traditional/alternative medicine. It has been used to help digestion, reduce nausea and help fight the flu and common cold, to name a few. Ginger can be used fresh, dried, powdered, or as an oil or juice,

and is sometimes added to processed foods and cosmetics.

Medicinal plant of Nuna Chhara BMC



Tulsi/Tulsi (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of Ocimum sanctum Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...

Datura/Dutura (Datura metel)

The seeds of **Datura** are analgesic, anthelmintic and anti-inflammatory and as such, they are used in the treatment of stomach and intestinal pain that results from worm infestation, toothache, and fever from inflammation. The juice of its fruit is applied to the scalp, to treat dandruff and falling hair.



Medicinal plant of Purba Laxmipur BMC



Patharkuchi(Kok)/Patharkuchi(Beng) (Kalanchoe pinanta)

Medicinal/Cultural/Economic usage: While not native to the Bahamas **Kalanchoe pinnata** is used widely for**medicinal purposes** including respiratory illnesses (asthma, coughing, tuberculosis) and pain (headaches strains, painful urination/kidney infections).

Datura(Kok)/Dutura(Beng) (Datura metel)

The seeds of **Datura** are analgesic, anthelmintic and antiinflammatory and as such, they are used in the treatment of stomach and intestinal pain that results from worm infestation, toothache, and fever from inflammation. The juice of its fruit is applied to the scalp, to treat dandruff and falling hair.





Basak(Kok)/Basak(Beng) (Adhatoda vasica)

Vasica shows an antispasmodic and expectorant effect, and has been used for centuries with much success to treat asthma, chronic bronchitis, and other respiratory conditions. The powdered of herb, boiled with sesame oil, is used to heal ear infections and arrest bleeding.



Kupur Tulsi(Kok)/ Ram Tulsi(Beng) (Ocimum gratissimum)

Ocimum gratissimum L. (Labiatae) is widely distributed in tropical and warm temperature regions. The plant is commonly used in folk medicine to treat different diseases e.g. upper respiratory tract infections, diarrhea, headache, ophthalmic, skin diseases, pneumonia and also as a treatment for cough, fever and conjunctivitis

Angun(Kok)/Akanda(Beng) (Calotropis gigantean)

The plant is reported as effective in treating skin, digestive, respiratory, circulatory and neurological disorders and was used to treat fevers, elephantiasis, nausea, vomiting, and diarrhea. The milky juice of **Calotropis procera** was used against arthritis, cancer, and as an antidote for snake bite.



Medicinal plant of Ram krishnapur BMC



Kupur Tulsi/ Ram Tulsi (Ocimum gratissimum)

Ocimum gratissimum L. (Labiatae) is widely distributed in tropical and warm temperature regions. The plant is commonly used in folk medicine to treat different diseases e.g. upper respiratory tract infections, diarrhea, headache, ophthalmic, skin diseases, pneumonia and also as a treatment for cough, fever and conjunctivitis

Patibar(Kok)/Nayantara(Beng) (Catharanthus roseus)

In traditional medicine, the periwinkle has been used for relieving muscle pain, depression of the central nervous system, also used for applying to wasp stings and to heal wounds. Its application ranges widely from the prevention of diabetes to treatment of stomach ache.



Medicinal plant of Sriram Khura BMC



Tulsi Kufur(Kok)/Ram Tulsi(Beng) (Ocimum sanctum)

In traditional systems of medicine, different parts (leaves, stem, flower, root, seeds and even whole plant) of Ocimum sanctum Linn (known as Tulsi in Hindi), a small herb seen throughout India, have been recommended for the treatment of bronchitis, bronchial asthma, malaria, diarrhea, dysentery, skin diseases, ...

Hashing(Kok)/Adda(Beng) (Zingiber officinale)

Ginger has been used for stomach upset, motion sickness, nausea, and vomiting.Some herbal/diet supplement products have been found to contain possibly harmful.





Letak(Kok)/Lala keron(Beng) (Jatropha gossypifolia)

Jatropha gossypifolia is traditionally used for family planning. Traditionally it also used as Pesticidal, Coagulant, Anticancer, Purgative and Anti-leproticpotential, emmenagogue, stomachache, venereal disease and as blood purifier.

Medicinal Plants of Uttar Maharanipur BMC



Kupur Tulsi(Kok)/Ram Tulsi(Beng) (Ocimum gratissimum)

Ocimum gratissimum L. (Labiatae) is widely distributed in tropical and warm temperature regions. The plant is commonly used in folk medicine to treat different diseases e.g. upper respiratory tract infections, diarrhea, headache, ophthalmic, skin diseases, pneumonia and also as a treatment for cough, fever and conjunctivitis

Kachan Gita(Kok)/Dritakumari(Beng) (Aloe barbadensis)

Digestive help **Aloe** latex contains aloin, which is an anthraquinone that gives **aloe vera** its laxative properties and may help treat constipation. (5) Treating skin conditions, such as psoriasis and acne **Aloe** creams have a calming effect on the skin and have been shown to help reduce itchiness and inflammation.Jun 20, 2018





Hashing(Kok)/Adda(Beng) (Zingiber officinale)

Ginger has been used for stomach upset, motion sickness, nausea, and vomiting.Some herbal/diet supplement products have been found to contain possibly harmful.



Usundwi(Kok)/ Butam ful(Beng) (Gomphrena celasidides)

Plants from the Amaranthaceae are used in folk medicine for their nutritional qualities and for the treatment of various disorders such as gastrointestinal and respiratory problems, skin infections, as well as some infectious diseases, and as an abortifacient.

3.6 Kitchen Garden of Mungiakami R.D Block

Kitchen Garden of Atharmura BMC



Gangala(Kok)/Karala(Beng) Monordica charantia



Phantak(KoK)/Begun (Beng) Solanaum melongana



Khaklu(Kok)/Chal kumur(Beng) Benincasa hispida ***NB:- Kok= Kok Borok language and Beng=Bengali language.



Sajana(Kok)/Sajane(Beng) Moringa oleifera



Chakumura(Kok)/Misti kumra(Beng) Citrus maxima



Muimasing(Kok)/Arhar(Ben) Cajanus cajana

Kitchen Garden of Dakhin Gukul Nagar BMC



Phantak(Kok)/Begun(Beng) Solanaum melongana



Sajana(Kok)/Sajane(Beng) Moringa oleifera



Koifal(Kok)/Pepe(Beng) Carica papaya



Khakulu(Kok)/Dikumar(Beng) Benincasa hispida



Phaitok(Kok)/Begun(Beng) Solanum Melongena ***NB:- Kok= Kok Borok language and Beng=Bengali language.

Kitchen Garden of Dakhin Maharanipur BMC



Koifal(Kok)/Pepe(Beng) Carica papaya



Phantak(Kok)/Begun(Beng) Solanaum melongana



Manai Kosom(Kok)/Kachu(Beng) Colcosia indica



Muiphrai(Kok)/Pui shak(Beng) Basella rubra

Kitchen Garden of Haludia BMC



Khamka(Kok)/ Sita beggun(Beng) Solanum myricanthum



Khama kotor(Kok)/Mankachu(Beng) Alocasia adora



Manai Kosom(Kok)/Kalakachu Colcosia indica



Kasing Mosla(Kok)/Bilati Dhania(Beng) Eryngium foetidum



Moso(Kok)/Dhani longka(Beng) Capsicum frutescence



Banta(Kok)/





Mwito(Kok)/kachu(Beng) Cacosia spp

Chakumora(Kok)/misti kumra(Beng) Cucurbita maxima



Kowai fall(Kok) /Pepe(Beng) Caricaa papaya

Kitchen Garden of Kakra Chhara BMC



Khaklu(Kok)/Chal kumur(Beng) Benincasa hispida



Sajana(Kok)/Sajane(Beng) Moringa oleifera



Banta(Kok)



Koifal(Kok)/Pepe(Beng) Carica papaya

Kitchen Garden of Manik Debbarma BMC



Khamka sikam/banbegon

Solanum myricanthum



Phaitok(Kok)/Begun(Beng)

Solanum Melongena



Khasing mosla/Bilati daniya

Eryngium foetidum



Koifal(Kok)/Pepe(Beng)

Carica papaya

Kitchen Garden of Namanjoy BMC



Muimasing(Kok)/Arhar(Beng)

Cajanus cajana



Khaklu(Kok)/Chal kumur(Beng) Benincasa hispida



Kosoi(Kok)/Shim(Beng)

Dolichos lablab



Patal(Kok)/Telakucha(Beng) Coccinia grandis

Kitchen Garden of Nuna Chhara BMC



Khamka sikham(Kok)/Titbegun(Beng) Solanum indicum



Khamka sikham(Kok)/Titbegun(Beng) Solanum indicum



Koifal(Kok)/Pepe(Beng) Carica papaya



Mwifrai(Kok)/Pui shak(Beng) Basella alba

Kitchen Garden of Purba Laxmipur BMC



Zinga(Kok)/Jinga(Beng) Luffa acutangula



Sejona(Kok)/Sejena(Beng) Moringa oleifera



Khamka sikam(Kok)/titbegoon(Beng) Salanum myricanthum



Mwikhonchok(Kok/Ropalifen(Beng) Pityroqramma calomelanos



Koifal(Kok)/Pepe(Beng) Carica papaya



Khaklu(Kok)/Chal kumur(Beng) Benincasa hispida

Kitchen Garden of Ram Krishnapur BMC



Khamka sikham(Kok)/Titbegun(Beng) Solanum indicum



Koifal(Kok)/Pepe(Beng) Carica papaya



Manai Kosom(Kok)/Kachur chara(Beng) Colcosia spp.



Banta(Kok)



Chakumura(Kok)/Misti kumra(Beng) Citrus maxima



Sajana(Kok)/Sajane(Beng) Moringa oleifera

Kitchen Garden of Sriram Khura BMC



Jinga(Kok)/Jinga(Beng) Luffa acutangula



Sajana(Kok)/Sajane(Beng) Moringa oleifera



Khaklu(Kok)/Chal Kumar(Beng) Benincasa hispida



Phantak(KoK)/Begun (Beng) Solanaum melongana

Kitchen Garden of Uttar Maharanipur BMC



Khaklu(Kok)/Chal kumur(Beng) Benincasa hispida



Koifal(Kok)/Pepe(Beng) Carica papaya



Kangra(Kok)/Kakral(Beng) Momordica cochinchinensis



Jinga(Kok)/Jinga(Beng) Luffa acutangula

3.7 Various types of Bamboo

Bamboo of Atharmura BMC



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wathwi(Kok)/Muli(Beng) Melocan daceit<mark>era</mark>



Wasur(Kok)/Barak(Beng) Bambusa balcooa

Bamboo of Dakhin Gukul Nagar BMC



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wathwi(Kok)/Muli (Beng) Melocana baceitera



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus

Bamboo of Dakhin maharanipur BMC



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wathwi(Kok)/Muli (Beng) Melocana baceitera



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus

Bamboo of Haludia BMC



Wasur(Kok)/Barak(Beng) Bambusa tulda



Wandal(Kok)/Mritinga(Beng) Bambusa balcooa



Wathwi(Kok)/Muli (Beng) Melocana baceitera



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus

Bamboo of Kakra Chhara BMC



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wathwi(Kok)/Muli(Beng) Melocan daceitera



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus

Bamboo of Manik Debbarma BMC



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus



Wathwi(Kok)/Muli(Beng) Melocan daceitera



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wandal(Kok)/Mritinga(Beng) Bambusa tulda

Bamboo of Namanjoy BMC



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wathwi(Kok)/Muli(Beng) Melocan daceitera



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus

Bamboo of Nunachhara BMC



Wathwi(Kok)/Muli (Beng) Melocana baceitera



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus



Wasur(Kok)/Barak(Beng) Bambusa tulda



Wandal(Kok)/Mritinga(Beng) Bambusa balcooa

Bamboo of Purba Laxmipur BMC



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wathwi(Kok)/Muli (Beng) Melocana baceitera



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus

Bamboo of Ram Krishnapur BMC



Wathwi(Kok)/Muli(Beng) Melocan daceitera



Wasur(Kok)/Barak(Beng) Bambusa balcooa



Wandal(Kok)/Mritinga(Beng) Bambusa tulda

Bamboo of Sriramkhura BMC



Wathwi(Kok)/Muli(Beng) Melocan daceitera



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wasur(Kok)/Barak(Beng) Bambusa balcooa

Bamboo of Uttar Maharanipur BMC



Wandal(Kok)/Mritinga(Beng) Bambusa tulda



Wathwi(Kok)/Muli(Beng) Melocan daceitera



Wamwlang(Kok)/Rupai bas(Beng) Dendrocalamus longispathus



Wasur(Kok)/Barak(Beng) Bambusa balcooa

4.1 Orchid of Mungiakami R.D Block

The Orchidaceae are a diverse and widespread family of flowering plants, with blooms that are often colourful and fragrant, commonly known as the orchid family. Along with the Asteraceae, they are one of the two largest families of flowering plants.

There are two principal types of orchids: terrestrials, which feature extensive below-ground root systems, and epiphytes, characterized by their aerial or exposed root system.



4.2 Importance fish found under Mungiakami R.D Blcok

Sampling of fish were done from different parts of Mungiakami R.D Block, Tripura, A total of 59 fish species belonging to 10 orders, 23 families and 41 genera were recorded during the present study. Cypriniformes was the most dominate orders with 26 species followed by Perciformes and Siluriformes. 8 species of fish recorded. Decreasing trend in both diversity and abundance of fish in the Mungiakami R.D Block were noticed during the present study due to malpractices like poisoning of river and indiscriminate use of pesticides which stronglysuggests immediate conservative measures to protect the ichthyofaunal diversity of this River.



4.3 Insects in Mungia Kami R.D. Block

In numbers of species and individuals and in adaptability and wide distribution, insects are perhaps the most eminently successful group of all animals. They dominate the present-day land fauna with about 1 million described species. This represents about three-fourths of all described animal species. Entomologists estimate the actual number of living insect species could be as high as 5 million to 10 orders contain million. The that the greatest numbers of species are Coleoptera (beetles), Lepidoptera (butterflies and moths), Hymenoptera (ants, bees, wasps), and Diptera (true flies).

The majority of insects are small, usually less than 6 mm (0.2 inch) long, although the range in size is wide. Some of the feather-winged beetles and parasitic wasps are almost microscopic, while some tropical forms such as the 269 ercules beetles, African goliath beetles, certain Australian stick insects, and the wingspan of the 269 ercules moth can be as large as 27 cm (10.6 inches).





4.4 Mushroom in Mungia Kami R.D. Block

Mushrooms are a staple of a variety of different culinary traditions and one of the few fungi that we are happy to see when we look inside our refrigerators. Although historically humans have consumed a diverse array of mushrooms for nutritional and medicinal purposes, it is only in recent years that this diversity has been brought to the foreground of culinary practice. As commercial cultivation improves, and global markets expand, the variety of readily accessible mushrooms has increased substantially. This can be daunting for the novice mushroom consumer, who is faced with a staggering number of foreign fungi to wade through. When approached with an adventurous spirit, mushrooms can be an exciting, and delicious exploration of a veritable garden of earthly delights.









5.1 Case study of Mungiakami R.D Block



NAME- Kochirung Reang Age- 80 W/O- Jugendra Reang VILLAGE- 41miles Atharamura Pin-799205 GPS- No Network

This above picture had shown an elderly woman of the village. Her name is Kochirung Reang and her age is 80 year old. She is currently living at 41 miles Atharamura. Her husband name is Jugendra Reang he is now 90 years old. She came to this village after getting married. Her family members are 4 sons 4 daughters. Everyone got married and still living each other. They are getting government old age pension. She explained that, at that time there were few families in the whole village. The villagers were depending for their livelihood on jhum Cultivation. The village was covered in deep forest. At that time they were live in the house made of Bamboo. In fears of the Tiger, Bear, elephant, wild boar, Wolf, Fox, snake, Python, monkey and many varieties wild bird etc. Just because of dark forest. In forest many varieties of trees, bamboo and wild timber plant etc. were available in the forest. They didn't had any market facilities near by the village therefore they used too sale Jhum crops at Bala Bazar which is now in Bangladesh. After they finished their work they purchase family basic needs like salt, dry fish, onion, garlic and so on. The villagers' team would tie up and go to the market for fear of tiger, bears and elephant etc. It takes three days to reach at home from the market. Still she remembered the king of Tripura whose name was Birbikram Kishore Manikya Debbarma and the history of Tripura kingdom. Talking about the past she said that clean water, organic vegetable are available and the climate also good enough.



NAME- Dokhini Debbarma Age-102 W/O- Lt. Ram Ganga Debbarma Village- 43 miles (Athromura) Pin-799205 GPS- No Network

The picture shown an elderly women in the village named Dokhini Debbarma, age 102. Her husband name is Lt. Ramganga Debbarma who was born at 43 miles (Atharomura). Dokhini Debbarma came to this village after getting married at an early age. Her husband was died after second world war. She has 4 daughters and 3 sons. Now she is living with her elder son. Still she is able to move by herself in surounding village and getting the old ages pension facility from government scheme. During the discusion, she said that, At that time there were few families existence in that area.. The village was covered by deep forest. The villager's livelihood depends on Jhum cultivation. Taking back to her young age she gave a brief introduce and history how they used too live and survive life spane. She explained climate and temperature is very suitable for jhum cultivation and not so hot in the past as there was a lot of heavy rainfall and Jhum crops. The plants, animals and climate change are understandable in the experience of the age and its surprising to think how strong it was in just a few years. Dokhini Debbarma talking about the past she said that in the jungle of the village so many wild animals like tiger, bear, elephant, deer and wild boar etc were often seen. They build the upper house(Garing Nok) to live just because of afreaid of wild animals. There were so many varieties of trees, bamboos and vegetables etc. The water stream was deep there was lots of fishes, snails, elfish and tortoise etc. In that period no government facilities are available like schools, ration shop, hospitals, etc. The villagers are going to the Bala Bazar with team just because of dark forest and fear of wild animals. They had to stay to the village on the way of market for two days because of long distance. She remembered the sound of flying fighter jet of the second world war, the war of Bengal(mukti judda).



NAME- Madan Hari Jamatia

Age- 67year S/O- Lt. Ananta hari Jamatia Village- Bahadur Sardar Para Pin-799205 GPS- 23.792279, 91.657837

The picture has shown an ayurveda practitioner of the village. His name is Madan Hari Jamatia. His father name is Lt. Ananta hari Jamatia. He was born at Bhahadur sardar para. He learned these ayurvedic techniques from his grandfather. His ayurvedic medicine is famous in his area. He has around 15 years experience so that he can give treatment the patient very well.

Lot's of patient comes to him for his ayurvedic treatment from his areas. And the patient get positive relived from his treatment. In fact he doesn't charge any fees against his treatment. However the patient parties give him some amount as token of their love. So, the offering amount help him to support his family. The medicinal plant he uses are Cotton tree, Drumstick plant, Arjun, akand, Triphala, Palash, and Ashwath. Through this plant he give treatment to desease like kidney stone, skin ache, stomach ache, hair and faill.

	List of medicinal platns				
SI.	Kokborok	English	Part of tree	Scientific	Disease
No.				name	Desorder
1.	Borchok	cotton tree	Thorn,root,Glu	Bombax	Stonedisease,
				ceiba	face pimple
2.	Sham swndro		Root	Mimosa	Hair
				pundica	disease, skin
					disease
3.	Sejuna	Drumstick	Leaf,root,seed	Moringa	Body
				olefera	pain, above the
					historia
					disease,Leg
					pain



NAME- Kundhurom Reang Age-101 W/O- Sarat Reang Village-Hazara Para Pin-799205 GPS- No Network

The picture shows an elderly woman in the village. Her Name is Kundhurom Reang. Her Husband's name is Sarat Reang. After getting married she came to Hazara Village. Kundhurom Reang has no educational qualifications as she live in a remote area. But her profession is in traditional Handloom. She had a vast knowledge and skill on making varieties traditional handloom likef Rignai as well as Risa with modern types design. It's belief that ancestors have brought these cultures during the early days. Kundhurom has adopted a traditional handloom from her mother. She used her product as for her self as sometimes she also sale her product at a very minimum price in the market, which support her in raising her children. Apart from her proffesional she also does social work. Her Husband is a daily labor that contributes a small support to the family.



Name: Krishnapati Debbarma Age: 80 years Address: Chandra Mohan para, Teliamura, Tripura Pin Code: 799 205 GPS Location: N23.15378 E91.42324

Mrs Krishnapati Debbarma age 80 year W/O Mr. Mangal singh Debbarma live in Chandramohan para, she was born in the year of1959 at Alaydia. . Her family members live under one roof. During her's childhood all the villagers depend for their livelihood on jum cultivation and jungle internal resources. She did not attend any formal education institution in fact at present she has vast traditional knowledge based on traditional cultivation and Agriculture, which she imparted from her ancestors.

According to her valuable memories, she brief about her young age. They did most of the cultivation work by collaborating each others as a community. Also they did traditional celebration (Garia, Mamita, hojagiri ect....), hunting, fishing, as a community. The village located on the top of the hills, cover with fresh atmosphere and greenish. The hills were full of wild plants, wild animal and wild flowers. In that hills area wild animal like monkey, tiger, deer, wild boar, bear and python was existence. Sometimes wild animals do encounter with villagers.

At time the state of Tripura was Government by the Kings. Therefore as a norms villagers used to pay little bit of levy to the King.



NAME- Laxmirani Jamatia Age-95 W/O- Lt. Rati Mohan Jamatia Village- Twithampui Para (Hathai Kuchok) Pin-799205 GPS- 23.802105, 91.667329

The pictures show an elderly woman in the village. Her name is Laxmirani Jamatia. Her husband's name is Lt. Rati Mohan Jamatia. She came to this village after getting married Twithampui Para (Hathai Kuchok). Talking about the past she said that there were few families in the whole village. The village was covered by deep forest. The villager's livelihood depends on Jhum cultivation. They did their Jhum cultivation work by collaborating each other. Despite of Jhum cultivation they also go for fishing, hunting as during that period most of the areas are cover with forest. Different types of wild animals and plants are available in the forest. They also sometimes experience the attack of wild animals like Elephant, beer, tigers, wild board, deer etc. At that time they lived in the house made of bamboo. She brief introduces a history how they used too live and survived their live-in the forest. In the young age considering Twithampui Para was named from her father. The scenarios of the village, all the house were in scatter position. During the discussion she explained about Jhum cultivation system, in plots of land are cultivated temporarily, then abandon and allowed to revert to their natural vegetable while the cultivator revert to move on the another plot. The period of the cultivation is usually terminated when the soil shows signs of exhausted or more commonly, when the field is overrun by weeds. In sifting agriculture, after two or three years of producing vegetable and grain crops on cleared land, the migrants abandon it for another plot. Land is often cleared by slash and burn methods- trees, bushes and forest are cleared by slashing and the remaining vegetation is burnt. Then the seeds are sown after the rain.

The age of Laxmirani Jamatia is 95 years old and she is getting money from government scheme old pension. In every month she goes to the bank for withdrawal of the money, which she gets from old pension.



Name:Manimala Debbarma Age: 37 years Address: Prakash Chandra Para, Teliamura, Tripura Pin code: 799 205 GPS Code: No Network

Her name is Manimala Debbarma, age 37 years old W/O Shanti Ranjan Debbarma lived in Prakash Chandra Para, Teliamura, Tripura. She has two child and live as nuclear family. since teenage she is working on traditional handloom. Such as Rignai, Risha with varieties design. She learned designing and handloom knowledge from her mother and relatives aunts through oral. Her products handloom used by herself and family member. Sometimes she does sell her handloom products at market at minimum price. However her income gives tiny support to run her family need and livelihood.



NAME- Radha Bahadur Molsom S/O- Kalpui Sing Molsom Village- Praja Bahadur Molsom Para Pin-799205 GPS- No Network

The above picture shows the working man in the village. His name is Radha Bahadur Molsom age 90 years old. S/O- Kalpoi sing Molsom. He was born in Nona Chara Praja Bahadur Molsom Para. He lived with his elder son. He knows how to do bamboo cane, bamboo basket, etc. He learned from his father, and grandfather. Earlier days different trypes of bamboo were available according to the product's need, now a days it's very rare to find product needs based bamboo. He capable to crafts Langa, Dhingra (Bucket), Baling, Kisib, Takhuk, chethok, etc. He crafts for his family uses and for the sell as well.



NAME- Kirot Debbarma Age-108 S/O: Gayaram Debbarma Pin- 799205 GPS- N23.852348,E91.692711

The above image is an elderly man from the village is depicted making bamboo cane material. His name is Kirot Debbarma. He usually produces various materials for his own use and for the sake of others. He earns around fifteen hundred a month from his product sells. In the jungle most bamboo can be found in the forest used for sale, used at home, used for fishing traps, etc. He was in great demand.

Some of them made in the list-

- 1) Khutruk- Cloth box
- 2) Langa- Bamboo busket
- 3) Chakra- Fishing trap
- 4) Tapping- Peddy/Rice
- 5) Siching- Fishing trap
- 6) Jongini- Launching
- 7) Takhuk- birds cage
- 8) Kisip- hand Fan
- 9) Lanthai- Bamboo carpet



NAME- Sachindra Debbarma Age-90 Village- Jhumbari para Pin-799205 GPS- N23.874771, E91.687250

In the picture above, a village bamboo cane artist shows, his name is Shri Sachindra Debbarma, age 90 years. He is physically not able to move properly.So, now he sits and make bamboo based products, and his family member helped him to sell the products. he earned around Rs 1000/1500. His made-up items are basically –bucket, Dari, chalun, kula, Saji, children's rocking, dola, chai, etc. Material making is mainly bamboo and cane. Bamboo shoots are the type of Veda house, rupai,beta.bamboo, etc. The cane is not much longer available like earlier, Thus sometimes he mixed with bamboo and plastic cane for quality products.



NAME-Dayamati Debbarma Age-98 W/O-Lt. Jugendra Debbarma Village- Ram Kanta Para Pin-799205 GPS- N23.916795, E91.665281

This picture shows an elderly woman in the village, her name is Mrs. Dayamati Debbarma Husband name is Lt. Jugendra Debbarma. Who was born in Ram Kanta Para. She came to this village after getting married at early age. Talking about the past, she said that at that time there were few families in the whole village. The village was covered by deep forest.At that time; there were living on Jhum farming. That time she had seen the wild animals like Tiger, Bear, Deer, Elephant in the forest as well as also variety of snakes, etc. there were many varieties of trees, bamboo,cane, fruits, vegetables, etc. the water splash was deep there was lot of fish, snail, elfish, tortoise, etc. And that time there was no street and school, Hospital, Ration shop, etc. And that time when they used to go, Bala Bazar, they had to sleep on the road for two days. The villager's team would tie up and go to the market for fear of wild animals like tigers, bears, and elephant, etc. Now talking about the past she remembered the flying fighter jet of the Second World War. It was not so hot in the past as there was a lot of rainfall and there was a lot of farming crops. She has one son and two Daughters. Now she lived with her elder son. Now she gets old age pension.



NAME- Arjun Debbarma Age-82 S/O- Nishan Debbarma Village- Ramkanta Para Pin-799205 GPS- N23.916795, E91.665281

The man in the picture above is the oldest in the village. His name is Arjun Debbarma. S/O- Lt Nishan Debbarma. He was born in Ramkanta Para. He has grown up into farmer family (Jhum Cultivation). After marriage, he left the village and moved to a new village. His family and villager were cultivators; all of them are did agricultural work and depend for their livelihood on the agricultural crops. At his young age the agricultural products were sufficient for their family needs. However, slowly agriculture crops production rate decreased due to climate change and deforestation. At present his is passing his old age and getting old age pension scheme.



NAME- Rohini Debbarma Age- 119 W/O- Lt. Bakta Ram Debbarma Village- Rajchandra Sipai Para Pin- 799205 GPS- N23.917138,E91.674307

This picture shows in elderly women in the Village. Her name is Rohini Debbarma. Her Husband's name is Lt. Baktaram Debbarma. She was born in Rajchandra Sipai Para. The village was named after her father because they were first in the village. According to the social norms and traditional rule of marriage, husband had to stay for two years at Father In-law house. After getting married she had to stay at her village. When she was young at that time for their livelihood needs were available like vegetable, rice, Medicinal plant, etc. The village was covered in a deep forest. During the discussion she said that time Wild, Animals like tiger, bear, Python, elephant, Snake, Monkey were seen around the village. Besides the villagers' livelihood depends on Jhum cultivation and wild fruits. They cultivate different varieties of paddy crops like Beti, kalasangtoi, Goriya, etc. During the discussion she has two sons and one daughter. Now she lived single and getting old age Pension.



NAME-Sama Charan Debbarma Age-90 S/O- Nagar Basi Debbarma Village- Darpanarayan Para Pin- 799205 GPS-N23.917504; E91.665840

The above image has shown an elderly man. His name is Samacharan Debbarma.He is 90 year old. His father name is Lt. Nagar Basi Debbarma. He was born at Gilatali. During the discussion he said that, He shifted to the Darpanarayan Village after 80s. He got married at a young age. They have five children's and still lived with youngest son in it. His family and villager were cultivators; all of them are did agricultural work and depend for their livelihood on the agricultural crops. At his young age the agricultural products were sufficient for their family needs. However, slowly agriculture crops production rate decreased due to climate change and deforestation. At present his is passing his old age and getting old age pension scheme.

6.1 Part II PBR –Formats AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6		7	8	9	10	11	12	13	14	15
	Scientif ic	Local		Lands cape/ Habita	Approx. Area	Local	status	Special	Croppin		Associat	Other	Source of Seeds/	Comm unity/ Knowl edge	Name of GP/VC where found
Crop	Name	Name	Variety	t	shown			features	g season	Uses	ed TK	Details	Plants	Holder	
						Past	Present								
Rice	Oryza sativa	Swarna masori	Valiyan	Plane area	75 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For	Ridge plough animal drawn, Bund former	Sale in market	Seeds	Tripuri	All VC
Rice	Oryza sativa	Paizam	Valiyan	Plane area	73 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Ridge plough animal drawn, Bund former	Sale in market	Seeds	Tripuri	All VC
Rice	Oryza sativa	Kartisal	Valiyan	Plane area	32 hac. approx	Plenty	Rare	variety and soil	Rainy season	For food	Ridge plough animal	Sale in market	Seeds	Tripuri	All VC

								fertility			drawn, Bund former				
Rice	Oryza sativa	Ranjit paizam	Valiyan	Plane area	76 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Ridge plough animal drawn, Bund former	Sale in market	Seeds	Tripuri	All VC
Rice	Oryza sativa	Goriya	Valiyan	Plane area	62 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food, flour, local wine	Ridge plough animal drawn, Bund former	Sale in market	Seeds	Tripuri	Atharmura, Kakrachhara Nuna Chhara
Rice	Oryza sativa	Khacha	Valiyan	Plane area	12 hac approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Ridge plough animal drawn, Bund former	Sale in market	Seeds	Tripuri	Atharmura, Kakrachhara Nuna Chhara Haludia
Rice	Oryza sativa	Beti	Valiyan	Hilly	75 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Local Techniq ue by knife	Sale in market	Seeds	Tripuri	Atharmura, Kakrachhara Nuna Chhara Haludia

Rice	Oryza sativa	Kapro	Valiyan	Hilly	72 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Local Techniq ue by knife	Sale in market	Seeds	Tripuri	Atharmura, Kakrachhara Nuna Chhara Haludia
Rice	Oryza sativa	Mami	Valiyan	Hilly	70 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food, Loca 1 wine	Local Techniq ue by knife	Sale in market	Seeds	Tripuri	Atharmura, Kakrachhara Nuna Chhara Haludia
Rice	Oryza sativa	Badla	Valiyan	Hilly	69 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Local Techniq ue by knife	Sale in market	Seeds	Tripuri	Atharmura, Kakrachhara Nuna Chhara Haludia
Rice	Oryza sativa	Mai Barak	Valiyan	Hilly	71 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Local Techniq ue by knife	Sale in market	Seeds	Tripuri	All VC
Rice	Oryza sativa	Mai Kosom	Valiyan	Hilly	72 hac. approx	Plenty	Rare	variety and soil fertility	Rainy season	For food	Local Techniq ue by knife	Sale in market	Seeds	Tripuri	All VC

											Ridge				All VC
											plough				
								variety			animal				
								and			drawn,				
	Oryza				55 hac.			soil	Rainy	For	Bund	Sale in			
Rice	sativa	Kechi	Valiyan	Plane	approx	Plenty	Rare	fertility	season	food	former	market	Seeds	Tripuri	
											Ridge				All VC
											plough				
								variety			animal				
								and			drawn,				
	Oryza				59 hac.			soil	Rainy	For	Bund	Sale in			
Rice	sativa	Bedam	Valiyan	Plane	approx	Plenty	Rare	fertility	season	food	former	market	Seeds	Tripuri	
											Local				Haludia
								variety			Techniq				Kakrachara
	0	17 1			CO 1			and	D ·	Б	ue	G 1 ¹			Nuna chara
D:	Oryza	Kala	Valieren	TT:11	69 hac.	Dlanta	D	soil	Rainy	For	by Israife	Sale in	Carda	T.:::	Atharmura
Rice	sativa	sangtoi	Valiyan	Hilly	approx	Plenty	Rare	fertility	season	food	knife	market	Seeds	Tripuri	
								Flowers							All VC
								whose							
								fruit lets							
								have							
								joined			Provide				
D'	A		family	Hill	400.1			around	C	F	used	C 1	Dlastat		
_	Ananas	Androso	Bromeliace	area/ Plane	400 hac.	Yes	Yes	the	Summer	For food	in	Sale in market		Tripuri	
ple	comosus	Allaloso	ous	Flane	approx	Tes	168	core.	season	1000	energy	market	n	Tripuri	
								varied			self jum				All VC
	_		Aswani	Hill/Pl	1001			agro-	~	For	in	Sale in	Seeds		
	Zea	Mago	/	ane	600 hac.		T 7	climatic	Summer	corn,	provide		Cultivate	.	
Maize	mays	dam	Harsha	area	approx	Yes	Yes	condition	season	food	energy	market	d	Tripuri	
II					1	1 1		200		I	1		1		

Format 2: Fruit Plants

1	2	3	4	5		6	7	8	9	10	11	12	13
Plant	Scientific Name	Local Name	Vatiety	Landscape/ Habitat	Loca	al status	Source of seeds/ Plant	Season of Fruiting	Associated of TK	Uses	Other detail Market /Own use	Commu nity / Knowled ge holder	Name of GP/VC whare found
					Past	Present							
Banana	Musa	Thalik	Grand Nain	All type of land	Yes	Yes	Plants	All season	Local method	Consum e	Sale in market raw	Tripuri	All VC
Mango	Mangifera Indica	Thaichok	Amrapali	All type of land	Yes	Yes	Seed	May to July	Local method	Consum e	Sale in market	Tripuri	All VC
Pineappl e	Ananas Comosus	Anadroso	Queen	All type of land	Yes	Yes	Plant	May to July	Plant cultivate	Consum e	Sale in market	Tripuri	All VC
Jackfruit	Artocarpus heterophyllus	Thaipong	Koozha chakka	All type of land	Yes	Yes	Tree	June to august	Plant cultivate	Consum e	Sale in market	Tripuri	All VC
Lemon	Citrus limon	Jami	Citron	All type of land	Yes	Yes	Plant	All season	Plant cultivate	Consum e	Sale in market	Tripuri	All VC
Guava	Psidium Guajava	Goyam	Safrior Payere	All type of land	Yes	Yes	Tree	All seaon	Plant cultivate	Consum e	Sale in market	Tripuri	All VC
Java	Syzygium	Jamok	Jathi	All type of	Yes	Yes	Tree	April-	Plant	Consum	Sale in	Tripuri	Atharmur a

plum	cumini			land				June	cultivate	e	Market		Nunachar
													a
													Kakrachh
													ara
													Haludia
								July-					All VC
	Citrus			All type of				Novemb	Plant	Consum	Sale in		
Pomelo	grandis	Jamra	Dangyuja	land	Yes	Yes	Tree	er	Cultivate	e	Market	Tripuri	
Sweet	Citrus		Meyer	All type of				All	Plant	Consum	Sale in		All VC
lemon	limetta	Mosambi	lemon	land	Yes	Yes	Tree	seaon	cultivate	e	Market	Tripuri	
	Citrus X			All type of				All	Plant	Consum	Sale in		All VC
Orange	Sinensis	Kamla	Valencia	land	Yes	Yes	Tree	seaon	cultivate	e	Market	Tripuri	
			Early										All VC
			Large										
	.		Red, Des						DI	G	0.1.1		
T 1	Litchi	T 1	hi, Purbi	All type of	T 7	X 7	-	May-	Plant	Consum	Sale in	 .	
Lychee	Chinensis	Lecho	and Kasba	land	Yes	Yes	Tree	June	cultivate	e	Market	Tripuri	
			Dwarf					hot and					All VC
			yellow					wet					
	Cocos		coconut	All type of				tropical	Plant	Consum	Sale in		
coconut	Nucifera	Narkora		land	Yes	Yes	Tree	climates	cultivate	e	Market	Tripuri	
Pomegran	Punica			All type of				All	Plant	Consum	Sale in		All VC
ate	granatum	Dalim	One type	land	Yes	Yes	Tree	seaon	cultivate	e	market	Tripuri	
	Spondias			All type of				May-	Plant	Consum	Sale in		All VC
Amra	dulcis	Amra	One type	land	Yes	Yes	Tree	August	cultivate	e	market	Tripuri	

Format 3: Fodder Crops /Species

1	2	3	4		5	6	7	8	9	10	11
Plant	Scientific Name	Local Name	Landscape/ Habitat	Loca	l status	Source of Plants /Seeds	Associated of TK	Part Uses	Other details	Community/ Knowledge Holder	Name of GP/VC where found
				Past	Present						
Rice	Oryza sativa	Swarna masori	Plane area/Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	All VC
Rice	Oryza sativa	Paizam	Plane area/Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	All VC
Rice	Oryza sativa	Kartisal	Plane area/Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	All VC
Rice	Oryza sativa	Ranjit paizam	Plane area/Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	All VC
Rice	Oryza sativa	Goriya	Plane area/Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	Atharmura, Kakrachhara Nuna Chhara
											Atharmura, KakrachharaNuna Chhara
Rice	Oryza sativa	Beti	Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	Haludia

											Atharmura, KakrachharaNuna Chhara
	0								C. L. S.		Haludia
Rice	Oryza sativa	Kapro	Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	
						~~~~				1119 011	
											Atharmura,
											KakrachharaNuna Chhara
	Oryza						Plant making		Sale in		Haludia
Rice	sativa	Mami	Valley	Yes	Yes	Seed	with seed	Seed	Market	Tripuri	
										1	
											Atharmura, KakrachharaNuna
											Chhara
	Oryza						Plant making		Sale in		Haludia
Rice	sativa	Badla	Valley	Yes	Yes	Seed	with seed	Seed	Market	Tripuri	
											Atharmura,
											KakrachharaNuna
											Chhara
											Haludia
	Oryza	Mai					Plant making		Sale in		Taiuuia
Rice	sativa	Barak	Valley	Yes	Yes	Seed	with seed	Seed	Market	Tripuri	
	Oryza	Mai	Plane				Plant making		Sale in		All VC
Rice	sativa	Kosom	area/Valley	Yes	Yes	Seed	with seed	Seed	Market	Tripuri	
Rice	Oryza	Kechi	Plane	Yes	Yes	Seed	Plant making	Seed	Sale in	Tripuri	All VC

	sativa		area/Valley				with seed		Market		
Rice	Oryza sativa	Bedam	Plane area/Valley	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	All VC
Rice	Oryza sativa	Kalasan gtoi	Hilly	Yes	Yes	Seed	Plant making with seed	Seed	Sale in Market	Tripuri	All VC

#### Format 4: Weeds

1	2	3	4	5	6		7	8	9	10	11	12	13
Dlant	Scientific	Local	Affected	Immont	Landscape /	Loca	al status	Used	Manageme nt option	Associa ted	Other	Community knowledge/	Name of GP/VC where
Plant	Name	Name	crop	Impact	habitat	Past	Present			of TK	details	holder	found
Herb	Eupatorium ayapana	Mokiri	Agriculture Crops	Less produce	Plane/ Forest	Yes	Yes	Antisecti ve	Pluck out & cut down	Natural		Tripuri	All VC
Herb	Mimosa pudica	Sam sondro	Agriculture Crops	Less produce	Plane/ Forest	Yes	Yes	used for Medicine	Pluck out & cut down	Natural		Tripuri	All VC
Herb	Cynodon Doctylon	Dropa	Agriculture Crops	Less produce	Plane	Yes	Yes	used for Medicine	Pluck out & cut down	Natural	used puja	Tripuri	All VC
Herb	Gomphrea Celasidides	Osondoi	Agriculture	Less produce	Plane	Yes	Yes	used for Medicine	Pluck out & cut	Natural	sale in Marke	Tripuri	All VC

			Crops						down		t		
Plant		Tokhi seleng	Agriculture Crops	Less produce	Forest	Yes	Yes	used for Medicine	Pluck out & cut down	Natural		Tripuri	All VC
Plant	Melastoma Malabathric um	Aasom	Agriculture Crops	Less produce	Plane.hill	Yes	Yes	used for Medicine	Pluck out & cut down	Natural	Forest Food	Tripuri	All VC
Herb	Diplazium plypoidiode s	Moikha n chok	Agriculture Crops	Less produce	Hill	Yes	Yes	used for Medicine	Pluck out & cut down	Natural	sale in Marke t	Tripuri	All VC
Herb	Achyranth es aspera	Aghada	Agriculture Crops	Less produce	Plane	Yes	Yes	used for Medicine	Pluck out & cut down	Natural	sale in Marke t	Tripuri	All VC
Herb	Abutilon indicum	Kandhi	Agriculture Crops	Less produce	Hill	Yes	Yes	used for Medicine	Pluck out & cut down	Natural	sale in Marke t	Tripuri	All VC
Herb	Achyranth es bidentata	Balong Molai	Agriculture Crops	Less produce	Plane/hill	Yes	Yes	used for Medicine	Pluck out & cut down	Natural	sale in Marke t	Tripuri	All VC

Format	5: Pests	of Crops

1	2	3	4	5	6	7	8	9	10	11
Host	Insect animal	Scientific Name	Local Name	Habitat	Time/Season of attact	Management Mechanism	Associate d of TK	Other Details	Community/ Knowledge Holder	Name of GP/VC where found
									Tripuri	
Graminace ous plants	Leptocorisa acuta	Leptocorisa oratorius	Yong	Plant/Hill	Summer season	Used Medicine			Tripuri	All VC
Okara	Spiny bolloworm	Erias vitella	Yongfak	Plant/Hill	Winter/Summer	Used Medicine			Tripuri	All VC
Forest	Grass hopper	Acridomor pha	Kok	Plant/Hill	Winter/Summer	Used Medicine			Tripuri	All VC
Soil	Beetle	Coleoptera	Khebok	plant	Winter/Summer	Used Medicine			Tripuri	All VC
Soil	Ant	Formicidae	Misorom	plane/hill area	Winter/Summer	Used Medicine			Tripuri	All VC
Garbage	Fly	Diptera	Themai	Forest/Plane	Summer	Used Medicine			Tripuri	All VC
Insect	Insect	Insecta	Youngsa koksa	Forest/Plane	Winter/Summer	Used Medicine			Tripuri	All VC

Butterfly	Butterfly	Rhopalocer a	Lali/Prajapati	Flower tree	Winter/Summer	Used Medicine		Tripuri	All VC
Tree	Mosquito	Culicidae	Thampoi/ma cha	Flower tree	Winter/Summer	Used Medicine		Tripuri	All VC

## Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly/Mo nthly/ Fortnightly/ Monthly /Biannual/A nnual	Type of Animal Bought and Sold	Types of average no. Animal transacted a day	Place from which animal are brought	Places to which the animal are sold/ Transported	Name and location of Fish market	Type of fishes sold	Source of fish
Chakmagha t Market	Weekly	Duck,Hen,Goat, Poultry,Pig,Pige n	Duck-20,Hen- 21, Goat-3,Poultry- 40,Pig-2,Pigen- 8	Champlai,Sanpara , Twikarma	Teliamura, Agartala	Chakmaghat	Catla,Rohu,Mriga l, Karfu,el fish	Pond,water stream
Mungiaka mi Bazar	Weekly	Hen,Poultry ,Piglet, Goat,Duck,	Hen-20,Poultry- 50, Pig-11, Goat-8,Duck-6	43 mile,41mile,Bilai kam, Namanjoy, Uttarmaharani, Champlai, Halludia ,Kakrasara,Nonas	Uttar maharanipur, 43mile, 41mile, Nonashara, Kakrashara	Mungiakami	Catla,Rohu,Mriga l ,Karfu,el fish	Pond,water stream

				hara, Hazara, Mungiakami				
Manik		Duck,Hen,Goat,	Duck-20,Hen- 21, Goat-3,Poultry- 40 Big 2 Bigger	Champlai,Sanpara	Talionum		Catla,Rohu,Mriga	Dond water
Bazar	Weekly	Poultry,Pig,Pige n	40,Pig-2,Pigen- 8	, Twikarma	Teliamura, Agartala	Chakmaghat	l, Karfu,el fish	Pond,water stream
Uttar Maharanip		Hen,Poultry,	Hen-13,Poultry- 61,	Maharanipur,Nam anjoy, Mungiakami,Tola	North Maharanipur, Namanjoy,	North	Catla,Rohu,Mriga l, Karfu, el fish,Ropchand,	
ur	Weekly	Pig,Goat,	Pig-6,Goat-7	shikar,	Mungiakami	maharanipur	Silver	Pond
Namanjoy	Daily evening	Poultry,Pig	Poultry-16, Pig-20kg	Namanjoy,Somol,	Nmanjoy,	Nill	Nill	Pond

## Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11	12
Commun ity and Populatio n	Families and major occupation	Sub occupation	Depending Landscape	Major resources accessed & season access	Landscape management practices	Resource managem ent practices	Caste/ Tribe	Social condition	Nature of Inhabitant	No.og HHs	Name of GP/VC where found
Debbarma	Paddy Cultivation	Domestic farming	Hill/Plane area	Jhum cultivation and Domestic animal	Preserving Natural Resources	Farming	Tripuri	Economic ally poor	Domestic animal farming		All VC
Reang	Jhum Cultivation	Domestic farming	Hill area	Jhum cultivation and Domestic animal	Preserving Natural Resources	Farming	Tripuri	Finalciall y poor	Jhum and farming		Atharm ura Kakarac hara Nunach ara Haludia
Malsam	Paddy Cultivation	Domestic farming	Plane	Jhum cultivation and Domestic animal	Preserving Natural Resources	Farming	Tripuri	Economic ally poor	Depend on Farming		Nuna Chara
Jamatia	Jhum/Peddy Cultivation	Domestic farming	Hill area	Jhum cultivation and Domestic animal	Preserving Natural Resources	Farming	Tripuri	Finalciall y poor	Farmer and cultivator		Manik Debbara

# Format 8: Landscape

1 Agricul tural Land	2 Major Landsc ape	3 Fallow Land	4 Sub landsca pe	5 Features & approx area	6 Owne rship	7 General flora	8 General fauna	9 User Groups	10 Managemen t Practices	11 General Uses	12 Associate d of TK	13 Other details	14 Commu nity accesses d	15 Name of GP/VC where found
Peddy	plane	No	Plane	180 hac.	Self	Chichiri Poktha	Crap	Self	Rice & vegetable	Agriculture	Plant		Tripuri	All VC
Jhum	Hill	No	Hill	78 hac	Self		Butterfl y	Self	Rice & vegetable	Agriculture	Plant		Tripuri	Atharm ura, Haludia, Kakrach hara, Nunach hara
Forest	Hill	No	Hill	80% ap.	Self	Chichiri Poktha	Frog	Self	Farmer	Agriculture	Plant		Tripuri	All VC
Plantati ons	plane	No	Plane/ Hill	40% ap.	Self		Butterfl y	Self	Rice & vegetable	Agriculture	Plant		Tripuri	All VC
Cultivat ed Land	plane	No	Plane/ Hill	220 hac.	Self	Chichiri Poktha	Frog	Self	Vegetable farming	Agriculture	Plant		Tripuri	All VC
Pond	plane	No	Plane	380 hac.ap.	Self	Chichiri Poktha	Crap	Self	Fish farming business	Fisheries	Plant		Tripuri	All VC

Lake	plane Plane	Plane	180 ap. H.	Self	Chichiri Poktha	Crap	Self	Fish farming business	Fisheries	Plant		Tripuri	All VC	
------	-------------	-------	------------	------	--------------------	------	------	-----------------------	-----------	-------	--	---------	--------	--

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements.

## Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Water scape eleme nt type	Sub type	Features and approx area	Ownrship	Genearal flora	General fauna	Major uses	User groups	Manageme nt Practices	General uses	Associa ted of TK	Other details	Commu nity Accesse d	Name of GP/VC where found
Pond	Lake water scape	Water stream	Self	Neptunia oleracea	Mercenaria mercenaria	Fisheries	villagers	Fish farming	Self	Nature	No	Tripuri	All VC
Lake	Lake	Water stream	Self	Enhydra fluctuans	Gastropoda	Water stocking	villagers	Water stocking	Self	Nature	No	Tripuri	All VC
Canal	Canal	Rever stream	Self		Gastropoda	Water stocking	villagers	Water stocking	Self	Nature	No	Tripuri	All VC
Tube well	Tubewel 1	Under ground water	Self	Nelumbo nucifera	Brachyura	Drinking and Bathing	villagers	Hand Pumb	Self	Nature	No	Tripuri	All VC

		Under											All VC
Dug well	Dug Well	ground water	Self	Neptunia oleracea	Caridea	Drinking and Bathing	villagers	Hand well	Self	Nature	No	Tripuri	

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

## Format 10: Soil type

1	2	3	4	5	6	7	8	9
Soil Type	Colour and Texture	Features	Soil Management	Plant/crop suitable	Flora and Fauna	Associated of TK	Other Information	Name of GP/VC where found
Sandy soil	Reddish yellow brown	light warm dry	Keep preserved area	Potato/Date	Snake,insect,	Use muddy floor	Medicinal plant, Timber plant	Sriramkhura, Manik Debbarma, Uttar Maharanipur, Dakhin Maharanipur
loam soil	Red loam and sandy	nutrients moisture	Keep preserved area	Rubber	Snake,insect,	Use muddy floor	Medicinal plant,	Atharmura, Haludia, Kakrachhara, Nunachhara
Alluvial soil	Brown	Growing crops	Keep preserved area	Rubber	Snake, insect,	Use muddy floor	Medicinal plant	Manik Debbarma
Younger alluvial s oil	Black	Agriculture	Plastic free	Rice/Maize	Snake,insect,	Use for ferlizer	Medicinal plant	Uttar Maharanipur, Dakhin Maharanipur, Sriramkhura
Lateritic soil	Reddish	Rock type soil	Keep preserved area	Rubber/Oran ge	Snake,insect, snail		Medicinal plant	Atharmura, Kakrachhara, Haludia

# **DOMESTICATED BIODIVERSITY**

#### Format 11: Fruit Trees

1	2	3	4	5	6		7	8	9	10	11	12	13
Plant	Scientific Name	Local Name	Vatiet y	Landsc ape/ Habitat	Loca	Local status Past Present		Season of Fruiting	Associated of TK	Uses	Other detail Market /Own use	Community / Knowledge holder	Name of GP/VC where found
					Past	Present							
Banana	Musa	Thalik	Three type	All type of area	Yes	Yes	Plants	All season	Local planting	Supplement ary Food	Sale in market raw	Tripuri	All VC
Mango	Mangifer a Indica	Thaich ok	Three type	All type of area	Yes	Yes	Seed	May to July	Local plantation	Supplement ary Food	own use	Tripuri	All VC
Pineapple	Ananas Comosus	Andro so	Comm on type	May to july	Yes	Yes	Plant	May to July	Local plantation	Supplement ary Food	Sale in market	Tripuri	All VC
Jackfruit	Artocarp us heterophy llus	Thaip wng	one		Yes	Yes	Tree	Summer season	Local Plantation	Supplement ary Food	Sale in market	Tripuri	All VC
Lemon	Citrus limon	Jami	Three type	All type of area	Yes	Yes	Plant	All season	Local plantation	Supplement ary Food	Sale in market	Tripuri	All VC
Guava	Psidium Guajava	Goya m	rare	All type of area	Yes	Yes	Tree	All seaon	Local plantation	Supplement ary Food	Own use	Tripuri	All VC

													Haludia, Kakrachara
													,
													Nunachhar
	Syzygiu			All type				April-	Local	Supplement	Sale in		a,
Jamun	m cumini	Jamwk	rare	of area	Yes	Yes	Tree	June	plantation	ary Food	Market	Tripuri	Atharmura
								July-					All VC
	Citrus		Comm	All type				Novembe	Local	Supplement	Sale in		
Jambura	grandis	Jamra	on	of area	Yes	Yes	Tree	r	Plantation	ary Food	Market	Tripuri	
Sweet	Citrus			All type					Local	Supplement	Sale in		All VC
lemon	limetta		rare	of area	Yes	Yes	Tree	All seaon	plantation	ary Food	Market	Tripuri	
	Citrus X			All type					Local	Supplement	Sale in		All VC
Orange	Sinensis	Komla	one	of area	Yes	Yes	Tree	All seaon	plantation	ary Food	Market	Tripuri	
	Litchi			All type					Local	Supplement	Sale in		All VC
Lychees	Chinensis	Lecho	two	of area	Yes	Yes	Tree	May-June	plantation	ary Food	Market	Tripuri	
	Cocos	Narikr		All type					Local	Supplement	Sale in		All VC
Lychees	Nucifera	а	one	of area	Yes	Yes	Tree	All seaon	plantation	ary Food	Market	Tripuri	
Pomegran	Punica		comm	All type					Local	Supplement	Sale in		All VC
ate	granatum	Dalim	on	of area	Yes	Yes	Tree	All seaon	plantation	ary Food	market	Tripuri	
	Spondias		comm	All type				May-		Supplement	Sale in		All VC
Amra	dulcis	Amra	on	of area	Yes	Yes	Tree	August		ary Food	market	Tripuri	

## Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

1	2	3	4	5	6 7		9	10	11	12	13	14	
Plant Type	Local Name	Scientific Name	Vatiety	Landscape/ Habitat	Source of Plant	Loca	al status	Uses	Part Used	Associated of TK	Other detail Market/ own use	Commun ity/ Knowled ge Holder	Name of GP/VC where found
						Past	Present						
Tree	Tulsi	Ocimum tenuiflorum	Black/ White	Plain area	Seed	Yes	Yes	Used in cough	leaf,se ed used	Plantation method	Own use	Tripuri	All VC
Tree	Neem	Azadirachta indica	One	Plain area	Seed	Yes	Yes	Used in skin	Leaf used	Plantation method	Own use	Tripuri	All VC
Tree	Zotra	Datura metel	Rare	Plain/Hill	Seed	Yes	Yes	Used for stomach	Seed	Plantation method	Own use	Tripuri	All VC
Tree	Aangon bolai	Calotropis gigantea	Common	Plain/Hill	Seed	Yes	Yes	Orthopedi c	Leaf	Plantation method	Own use	Tripuri	All VC
Tree	Sezna	Moringa Oleifera	Rare	Plain/Hill	Seed	Yes	Yes	Dycentry	Plant	Plantation method	Own use	Tripuri	All VC
Herb	Zingathakto i		Common	Plain/Hill	Seed	Yes	Yes	Stomach	Leaf	Plantation method	Own use	Tripuri	All VC
Herb	Pachakali		rare	Plain	Seed	Yes	Yes	Stomach	Leaf	Plantation method	Own use	Tripuri	All VC

Plant	Chotoi	Curcoma Longa	Rare	Plain/Hill	Seed	Yes	Yes	bitter digestive	Seed	Plantation method	Own use	Tripuri	All VC
Herb	Samsata	Centella asiatica	Common	Plain/Hill	Seed	Yes	Yes	Stomach	Leaf	Plantation method	Own use	Tripuri	All VC
Herb	Osondoi	Spilanthes paniculata	Rare	Plain/Hill	Seed	Yes	Yes	Used in stomach	Leaf	Plantation method	Own use	Tripuri	All VC
		Catharanthu											All VC
Plant	Nayantara	s roseus	Rare	Plain/Hill	Seed	Yes	Yes	Diabetis	Leaf	Plantation method	Own use	Tripuri	
Plant	Moimasing	Cajanus cajan		Plain/Hill	Seed	Yes	Yes	Skin dicease	Leaf	Plantation method	Own use	Tripuri	All VC
Herb	Khom maichilam			Plain/Hill	Seed	Yes	Yes	Skin dicease	Food	Plantation method	Own use	Tripuri	All VC

## Format 13: Ornamental Plants/ Trees/Climbers etc

1	2	3	4	5	6	7	8	9	10	11
Plant type	Local Name	Scientific Name	Vatiety	Source of seeds/plant	Comercial/ Non-Comercial	Used	Associated of TK	Other details	Community/ Knows. Holder	Name of GP/VC where found
Tree	Joba	Hibiscus	mallow family	Plant	Non-Comercial	Used in Puja	Plantation		Tripuri	All VC

									All VC
Tree	Golab	Rosa	Rosa	Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	All VC
	Jesmin		olive						All VC
Tree	flower	Jasminum	family	Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	
Tree	Balsam			Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	All VC
		Nelumbo							All VC
Tree	Lotas	nucifera	Nelumbo	Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	
		Nerium							All VC
Tree	Koirabi	indicum		Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	
		Catharanthus							All VC
Tree	Khomtata	rosus		Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	
		Adenium	dogbane						All VC
Tree	Khomtore	obesum	family	Plant	Non-Comercial	Used in Puja	Plantation	Tripuri	
		Citrus X	sweet			Sale in			All VC
Tree	Komola	sinensis	orange	Plant	Commercial	market	Plantation	Tripuri	
		Punica	Punica			Sale in			All VC
Tree	Dalim	granatum	granatum	Plant	Commercial	market	Plantation	Tripuri	

#### Format 14: Timber Plants /Trees

1	2	3	4		5	6	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habitat	Loc	al status	Wild/Home garden	Other used	Associated of TK	Other details	Communit y/ Knows.Hol der	Name of GP/VC where found
				Past	Present						
Tree	Sokal Thori	Cassia fistula	Plane/Hill	Yes	Yes	Wild	Flower	Gardening	Medicine	Tripuri	All VC
Palm tree	Kowai		Plane/Hill	Yes	Yes	Home Garden	Tumbacco			Tripuri	All VC
Tree	Thaichok	Arecaceae	Plane/Hill	Yes	Yes	Home Garden	Food	Boundart		Tripuri	All VC
Tree	Narkara	Cocos nucifera	Plane/Hill	Yes	Yes	Wild	used in Puja	Affoestation		Tripuri	All VC
Simul tree	Barchok	Bombax ceiba	Plane/Hill	Yes	Yes	Wild	used in Puja	Cotton		Tripuri	All VC
Timarind tree	Thantoroi	Tamarin dus indica	Plane/Hill	Yes	Yes	Home Garden	Used in pickle	Affoestation		Tripuri	All VC
Agati tree	bakul	Sesbania grandiflo ra	Plane/Hill	Yes	Yes	Wild	Used in flower	Affoestation		Tripuri	All VC
Tree	Arjun	Terminal ia arjuna	Plane/Hill	Yes	Yes	Home garden	Flower	manifestation		Tripuri	All VC

		grandis	Plane/Hill					Affoestation		All VC
Tree	Shal	Shorea robusta	Plane/Hill	Yes	Yes	Home garden	Furniture	Affoestation	Tripuri	Atharmura, Haludia, Kakrachara, Nunachara
Tree	Gamai	Gmelina arborea	Plane/Hill	Yes	Yes	Home garden	Furniture	Affoestation	Tripuri	All VC
Tree	Mandagok		Plane/Hill	Yes	Yes	Wild	Furniture	Affoestation	Tripuri	All VC
Tree	Kaldam		Plane/Hill	Yes	Yes	Wild	Furniture	Affoestation	Tripuri	All VC
Tree	Khoroi	Albizia lebbeck	Plane/Hill	Yes	Yes	Home garden	Furniture	Affoestation	Tripuri	All VC
Trac	Irom	artocarpu s chaplash	Diano/Hill	Yes	Yes	Wild	Eurnitura	Afforstation	Tripuri	All VC
Tree	Jram	a	Plane/Hill	res	res	wild	Furniture	Affoestation	Tripuri	

# Format 15: DomesticatedAnimals

1	2	3	4	5	6		7 I status	8	9	10	11 Other	12	13 Name of
Anima l Name	Local Name	Scientific Name	Breed( Local/ Hybrid)	Features	Method of Keeping		Status	Used	Associated of TK	Commercial Rearing	details including Product service	Communit y knows.Hol der	GP/VC where found
Dog	Soi	Canis lupus familiaris	Local	Loyal	Corridor	Yes	Yes	Home protect ion	Family Member			Tripuri	All VC
Cat	Aaming	Felis catus	Local	Reflectiv e eyes	Corridor	Yes	Yes	Mice control	Family Member			Tripuri	All VC
Cow	Mosho k	Bos taurus	Local/H ybrid	Soft	Corridor	Yes	Yes	Plough	Family Member	Sale in Market	Milk	Tripuri	All VC
Pig	Wak	Sus	Local/H ybrid	Noisy	Open space	Yes	Yes	Meat	Farm	Sale in Market		Tripuri	All VC
Goat	Poon	Capra aegagrus hircus	Local	Gentle	Corridor	Yes	Yes	Meat	Farm	Sale in Market		Tripuri	All VC
Hen	Tak	Gallus gallus domestic	Local/H ybrid	Loving	Corridor	Yes	Yes	Meat	Farm	Sale in Market		Tripuri	All VC

	us						

#### Format 16: Culture Fisheries

1	2	3	4	5	6		7	8	9	10	11	12	13
Fish Type	Local Name	Scientific Name	Vatiety	Features	Water scape Pond/b heri /talao	Loca	ll status	Used	Associated of TK	Commercial Rearing	Other details	Communit y Knows. Holders	Name of GP/VC where found
						Past	Present						

D	D.	Labeo rohita	roho	T .1 * 1	Dent	V	N7.	6 l. (	Breed	Sales in	Used in	<b>.</b>	All VC
Rohu	Roi	Tomta	labeo	Labio large	Pond	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	
		Catla	Asian						Breed	Sales in	Used in		All VC
Katla	Katla	catla	carb	carp family	Pond	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	
		Cirrhinus							Breed	Sales in	Used in		All VC
Mrigel	Milka	Cirrhosus	ray-finned	carp family	Pond	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	
		Hypophth											All VC
Silver		almichthys	Asian	deep-					Breed	Sales in	Used in		
Curp	Silver	molitrix	carp	bodied	Pond	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	
		Ctenophar											All VC
Grass	Grass	yngodon	minnow	silvery to					Breed	Sales in	Used in		
Curp	cap	idella	family	olive	Pond	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	
		Cyprinus	Mirror	Vertebrate					Breed	Sales in	Used in		All VC
Karfu	Karpu	carpio	carp	s.	Pond	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	
				reddish									All VC
Chingr		Dendrobr	Common	spots and					Breed	Sales in	Used in		
i	Aathok	anchiata	name	lines	Pond/	Yes	Yes	foodstuff	Rearing	Market	Dry Fish	Tripuri	

## Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products

Name of Weekly Market	Location	Weekly/ forthnightly/ others/ Bi-annual/ annual	Day held	Month Incase bi-annual/ annual market	Type of animal bought/ sold	No.of animal transected a day	Places from where the animal are arived	Places to where the animal are transported
North					Hen,Goat,	Duck-20,Hen-21,		
maharanipur Bazar	Maharanipur	Weekly	Monday/ Friday	Annual Market	Fish,Pork, Poultry	Goat-3,Poultry- 40,Pig-2,Pigen-8	Champlai,Sanpara, Twikarma	Teliamura, Agartala
Mungiakami Bazar	Muungiakami	Weekly	Twesday/ Friday	Annual Market	Hen,Goat, Fish,Poultry	Hen-20,Poultry-50, Pig-11, Goat-8,Duck-6	43 mile,41mile,Bilaikam, Namanjoy, Uttarmaharani, Champlai, Halludia ,Kakrasara,Nonashara, Hazara, Mungiakami	Uttar maharanipur, 43mile, 41mile, Nonashara, Kakrashara
Chakmaghat Bazar	Chakmaghat	Weekly	Monday/ Friday	Annual Market	Hen,Goat, Poultry	Duck-20,Hen-21, Goat-3,Poultry- 40,Pig-2,Pigen-8	Champlai,Sanpara, Twikarma	Teliamura, Agartala
Namanjoy Bazar	Namanjoy bari	Weekly	Forthnightly	Annual Market	Poultry,	Hen-13,Poultry-61, Pig-6,Goat-7	Maharanipur,Namanjoy, Mungiakami,Tolashikar,	North Maharanipur, Namanjoy, Mungiakami
Manik	Manik	Weekly	Sunday/	Annual	Hen,Goat,	Poultry-16,	Namanjoy,Somol,	Nmanjoy,

bazar	debbarma	Wednesday	Market	Fish,Poultry	Pig-20kg	

# WILD BIODIVERSITY

#### Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5	(	5	7	8	9	10	11	13
Plant type	Local Name	Scientific Name	Habit	Habitat	Local	Local status		Part Collected	Associated TK	Other details	Community knows. Holders	Name of GP/VC where found
					Past	Present						
Tree	Kowai	Areca catchu	Round seed	Plane/ hill	More available	available	Sale in market/ self use	seed	dried ripe nuts	social drug from the time immemorial and chewed	Tripuri	All VC
							Sale in		Betel plum			All VC
Tree	Fatoi	Piperbetel	Leaf	Plane/ hill	available	available	market/ self use	Leaf	and piper betel used	Puja and social drug	Tripuri	
Tree	koirabi	Neriem indicum	Strong poison seed	Plane/ hill	available	available	Sleeping medicine	Fruit seed	Sleeping medicine	Puja	Tripuri	All VC
Tree	Dotra	Datura starmoinu m	Thorn round seed	Plane/ hill	available	available	Sleeping medicine	Thorn seed	Sleeping medicine	Puja	Tripuri	All VC

			Small									All VC
			flower				Drug/Sleep		Drug/Sleep			
		Cannabis	round	Plane/			ing		ing	Used in		
Tree	Siddi	sativa	seed	hill	Limited	Limited	medicine	Leaf	medicine	medicine	Tripuri	

# Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
	Local Scientific			Importance as economic,	
Sl.No	Name	Name	Variety	social,cultural	Status
				a great deal of experience	
				with and detailed knowledge	
		Datura	Tropane	Medicinal, Culinary, Cosmetic	Available in
1	Datura	stramonium	alkaloids	Socialization and Social Control	village area
				Folk medicine to have	
				purgative.parts of the	
		Calotropis		nine astrological trees.	Available in
2	Anggoan	gigantea	one	Leaves used as a totem.	village area
				Its sensitive leaves, integrated	
			common	weed management, rice-based	
		Mimosa	sensitive	intercropping under rained	Available in
3	Sam sundru	pudica	plant	conditions.	village area

4	Sichu	Opuntia	Cactaceae many variety genus Opuntia	Several of these species are edible, found to control diabetes, wide used in world wide.	Available in village area
		- F	C 1		
				Seeds are potentially of substantial	
			tropical legume	medicinal.herbal drugused	
			native to Africa	for the management	Available in
_	- 10	Mucuna	and tropical	of male infertility,	village forest
5	Baifang	pruriens	Asia	also as an aphrodisiac.	area
				The recognized plants that	
			common	contain the organic compound	Available in
			sensitive	anthraquinone. Its seeds can	village forest
6	Dogdoraja	Senna tora	plant	be utilized as a laxative.	area
				Anti-diabetic, anti-neoplastic,	
				anti-allergic and many more	
				activities.treatment of kidney	
	Pathar	Bryophyllum	Common	stones, gastric ulcer, forage,	Available in
7	kachi	pinnatum	plant	fallow and green manure crop.	village area
				Diuretic for goats and for other	
				veterinary purposes.medicinal	
				herb found as a weed. Roots are	Available in
	Lengra	Achyranthes	Amaranthaceae	applied to external genitalia to	village/
8	samthai	aspera	one plant	induce labor pains and falk medicine.	forest area
				Lubricant, vegetable oil and purgative.	
				to protect the liver from damage from	Available in
		Ricinus		certain poisons.vast number of plants	village/
9	Letok	communis	sole species	mostly native to the tropics	forest area

10	Takha boso	Xanthium strumarium	family Asteraceae one plant	Antibacterial, antifungal, and stomachic. Poisonous to grazing animals. Widespread fodder plant in the tropics.	Available in village road side area
11	Aming khitong	Euphorbia hirta	One common name	Worm infestations in children, dysentery, jaundice, pimples. Hirta is easily controlled by hand or hoe and by cultivation.traditional Indian medicinal systems asthama.	Available in village area

#### Format 20: Aquatic Biodiversity

1	2	3	4	5		6		8	9	10	11
Local Name	Scientific Name	Variety	Features	Habitat	Local status		Uses	Associated of TK	Other details	Community/ knowledge holders	Name of GP/VC where found
					Past	Present					
Sindai	Mytilus edulis	bivalve molluscs	two-valved shel	Fresh water	Yes	Yes	Used in food	Natural	Sale in market	Tripuri	All VC
Aathok	Crayfish	small lobsters	joined head	shallow freshwater	Yes	Yes	Used in food	Seed	Sale in market	Tripuri	All VC
Sikamok	Achatina fulica	Achatina	Sighting slugs	Fresh water	Yes	Yes	Used in food	Natural	Sale in market	Tripuri	All VC

Khangrai	Brachyura	Fresh water 1 crab	Are decapods	Fresh water	Yes	Yes	Used in food	Natural	Sale in market	Tripuri	All VC
Kilangiai	Drachtyara	1 crab	accupous	water	105	105	1000	Matural	market	Inpun	
		genus	Snake				Used in		Sale in		
Kotchya	Anguilliformes	Anguilla	realy fish	Fresh water	Yes	Yes	food	Natural	market	Tripuri	All VC
			Snakehead	Native			Use in		Sale in		All VC
Latiya	Channa	Channidae	common	Fresh water	Yes	Yes	food	Natural	market	Tripuri	
	Clarias	African	long-based	Fresh out			Used in		Sale in		
Jagour	batrachus	cat fish	dorsal	of water	Yes	Yes	food	Natural	market	Tripuri	All VC
			Snake	Lake water			Used in				All VC
Aarang	Olyra	Bagridae	realy fish	fish	Yes	Yes	food	Natural	Not yet	Tripuri	
		small	Small	Fresh			Used in		Sale in		
Pona		species	white fish	water	Yes	Yes	food	Natural	market	Tripuri	All VC
		small	Small	Fresh			Used in				All VC
Gontho		species	white fish	water	Yes	Yes	food	Natural	Not yet	Tripuri	
		small	Small	Fresh			Used in		Sale in		All VC
Chapila		species	white fish	water	Yes	Yes	food	Seed	market	Tripuri	

Format 21: Wil	d Aquatic Plai	nt Species of	f Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Kamliha basak	Ipomoea aquatica	One common plant	Traditionally to treat gastric and intestinal disorders.urface of water bodies, such as lakes, ponds, marshes	rooting at the nodes, and they are hollow and can float.grows in water or on moist soil
2	Thorai ha	Neptunia oleracea	One common plant	Plant is cultivated as a vegetable.The young leaves, shoot tips and young pods are usually eaten raw.Juice of the stem and roots are used for medicinal purposes	Floating herbs; branchlets glabrous, zig-zag, with spongy floats on internodes. Leaves 2-pinnate.
3	Chiciri Poktha	Trapa bicornis	One common plant	Indian ayurvedic system of medicine which is used in the problems of stomach, genitourinary system, liver, kidney, and spleen. It is bitter, astringent, stomachic, diuretic, febrifuge, and antiseptic.	Stem is used in eye disorders in the form of juice.lso been evaluated for various activities such as analgesic, anti-inflammatory, anti-diabetic and anti-microbial.

4	Toi Dalok	aponogeton natans	One common plant	Important ingredient in preparation. Screening for hepatoprotective activity. Natans methanol extract increased the level of biochemical parametrs activities when compared to toxic control.	Several extant monocot lineages must date back to the Cretaceous. Early to Late Cretaceous, estimating the time of origin for Araceae
5	Padda	Nelumbo nucifera	Nelumbo family	Leaves, and seeds have been used as folk medicines, Ayurveda, Chinese traditional medicine, and oriental medicine.	Indian lotus, sacred lotus, bean of India, Egyptian bean or simply lotus is one of two extant species of aquatic plant.
6	Atka bochalai	Bacopa monnieri	brahmi staple plant	Improving memory, reducing anxiety, and treating epilepsy. In fact, research shows that it may boost brain function and alleviate anxiety and stress, among other benefits.	Increased enormously across the globe. Numerous natural products such as those isolated from plants have been evaluated as therapeutics for the treatment of variety of diseases.
7	Samsatha	Centella asiatica	centella, Asiatic pennywort	Repair nervous tissue due to spinal injury, neuromuscular disorders, and to increase general brain function and memory.	Apiaceae family and has been long known for its faster healing properties for small wounds and scratches.

## Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5		6	7	8	9	10	11	12
Plant (Herb, shrub,tree)	Local Name	Scientific Name	Variety	Landscape/ Habitat	Loca	l status	Associated TK	Uses (usage)	Part Used	Other details market / own use	Commu nity/ Knowle dge Holders	Name of GP/VC where found
					Past	Present						
Herbal	Tulsi	Ocimum tenuifloru m	Common one plant	Plane	Yes	Yes	Ayurvedic Medicine	Cough	Leaf, Root	Own used	Tripuri	All VC
Herb,shrub	Turmer ic	Curcuma lunga	Common one plant	Plane/Hill	Yes	Yes	Ayurvedic Medicine	skin decease	Root	Own used	Tripuri	All VC
Herb,Tree	Aagun leaf		Common one plant	Hill/Plane	Yes	Yes	Ayurvedic Medicine	Body heating	Leaf	Own used	Tripuri	All VC
Herb,Tree	Zotra bothai		Common one plant	Forest/hill	Yes	Yes	Ayurvedic Medicine	anticective	Seed	Own used	Tripuri	All VC

Herb,Tree	Laithan g	Bryophyll um pinnatum	Common one plant	Plane/Hill	Yes	Yes	Ayurvedic Medicine	Skin	Root	Own used	Tripuri	All VC
Plant ,Herb,	Stava	Stevia rebaudiana	Common one plant	Plane	Yes	Yes	Ayurvedic Medicine	Diabaties	Root	Own used	Tripuri	All VC
Plant ,Herb,	Piasal	Chamaeco stus cuspidatus	Common one plant	Hill/Plane	Yes	Yes	Ayurvedic Medicine	Diabaties	Root	Own used	Tripuri	All VC
Plant ,Herb,	Fatoi	Piper betle	Common one plant	Plane/Hill	Yes	Yes	Ayurvedic Medicine	analgesic instant relief from pain	Leaf	Own used	Tripuri	All VC
Plant ,Herb,	Khanan	andrograph is paniculata	Common one plant	Plane	Yes	Yes	Ayurvedic Medicine	tract infections and HIV infection	Leaf	Own used	Tripuri	All VC
Plant ,Herb,	Chanda n	aquilaria malaccensi s	Common one plant	Plane	Yes	Yes	Ayurvedic Medicine	anti- microbial properties	Stem	Own used	Tripuri	All VC
Plant ,Herb,	Becopa	Baeopa moniari	Common one plant	Plane/Hill	Yes	Yes	Ayurvedic Medicine	Improving memory	Leaf	Own used	Tripuri	All VC

Plant ,Herb,	Samsat a	Centella asiatica	Common one plant	Plane	Yes	Yes	Ayurvedic Medicine	increase general brain function	Leaf	Own used	Tripuri	All VC
												All VC
Plant ,Herb,	Vashak	justicia adhatoda	Common one plant	Plane/fotest	Yes	Yes	Ayurvedic Medicine	treatment of cough	Leaf	Own used	Tripuri	
								aphrodisiac				All VC
	C	marsilea	Common				Ayurvedic	and for		0		
Plant ,Herb,	Susnisa k	marsilea minuta	Common one plant	Plane/Hill	Yes	Yes	Medicine	increased fertility	Root	Own used	Tripuri	
								Flowers				All VC
	Kokha	Phlogacant hus	Common				Ayurvedic	are eaten		Own		
Plant ,Herb,	bolai	thyrsiflorus	one plant	Plane/Hill	Yes	Yes	Medicine	vegetable	Leaf	used	Tripuri	
							Ayurvedic	used also treat in high				All VC
	Rauwol	rauwolfia	Common	-				blood		Own		
Herb,Tree	fia	serpentina	one plant	Plane	Yes	Yes	Medicine	pressure	Leaf	used	Tripuri	
		Terminalia					Ayurvedic	protect the liver and to treat		Own		All VC
Tree	Boira	belerica	Bi	Plane	Yes	Yes	Medicine	respiratory	Seed	used	Tripuri	

## Format 23: Wild relatives of Crops

1	2	3	4		5	6	7	8	9	10	11
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	Loca	al status	Uses (usage)	Used Part	Associated of TK	Other Details	Community / knowledge Holders	Name of GP/VC where found
				Past	Present						
Fantak	Solanum melongena	Seed plantation	Plane/Hill	Yes	Yes	Foodstuff	Fruit	Cultivation	sale in market	Tripuri	All VC
Chakumura	Cucurbitaceae	Seed plantation	Plane/Hill	Yes	Yes	Foodstuff	Fruit	Cultivation	Sale in market	Tripuri	All VC
Masah	Capsicum frutescens	seed plantation	Plane/Hill	Yes	Yes	Foodstuff	Fruit	Cultivation	Sale in market	Tripuri	All VC
Thabadia	Colocasia esculenta	seed plantation	Plane	Yes	Yes	Foodstuff	Root	Cultivation	Sale in market	Tripuri	All VC
Khama koto	Alocasia macrorrhizos	seed plantation	Plane/Hill	Yes	Yes	Foodstuff	Stem/ Root	Cultivation	Sale in market	Tripuri	All VC
Thaichomo	Citrullus lanatus	seed plantation	Hill	Yes	Yes	Foodstuff	Fruit	Cultivation	Sale in market	Tripuri	All VC
Andrasa	Ananas Komosus	Plantation	Plane/Hill	Yes	Yes	Foodstuff	Fruit	Cultivation	Sale in market	Tripuri	All VC
Koifal	Carica papaya	seed plantation	Plane	Yes	Yes	Foodstuff	Fruit	Cultivation	Sale in market	Tripuri	All VC

## Format 24: OrnamentalPlants

1	2	3	4	5	6	7	8	9
Local Name	Scientific Name	Variety	Habitat	Comercial/ Non-Comercial Use	Associated of TK	Any Other details	Community/ Knowledge Holder	Name of GP/VC where found
Joba	Hibiscus	mallow family	Plane	Non-Comercial	Plantation	used in Puja	Tripuri	All VC
Golab	Rosa	Rosa	Plane	Non-Comercial	Plantation	Used in puja	Tripuri	All VC
Jesmin	Jasminum	olive family	Plane	Non-Comercial	Plantation	Used in puja	Tripuri	All VC
Devdaru	Polyalthia longifolia	Saraca Indica	Plane	Non-Comercial	Plantation	used in gerden	Tripuri	All VC
Lotas	Nelumbo nucifera	Nelumbo	Plane	Non-Comercial	Plantation	Used in puja/cook	Tripuri	All VC
Koirabi	Cascabela thevetia	poisonous plant native	Plane	Non-Comercial	Plantation	drug and medicine	Tripuri	All VC
Khumpuri	Catharanthus roseus	ogbane family Apocynaceae	Plane	Non-Comercial	Plantation	Used in medicine	Tripuri	All VC
Khomtore	Adenium obesum	dogbane family	Plane	Non-Comercial	Plantation	Used in garden	Tripuri	All VC
Komola	Citrus X	sweet	Plane	Commercial	Plantation	Used in	Tripuri	All VC

	sinensis	orange				fruits		
Dalim	Punica granatum	Punica granatum	Plane	Commercial	Plantation	Used in fruits	Tripuri	All VC

# **Format 25: Fumigate / Chewing Plants**

1	2	3	4	5		6	8	9	10	11	12	13
Plant (Herb Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Loca	l status	Uses (Usage)	Part Used	Associated of TK	Other Details (mode of use)	Commu nity knowle dge/ Holders	Name of GP/VC where found
					Past	Present						
Tree	Neem	Azadirachta indica	holotype	Tropical climates.	Yes	Yes	Skin desease	Stem	Conservation	Sale in market	Tripuri	All VC
Herb	Elengcha	Enhydra fluctuans	Chowing	Under water	Yes	Yes	stomach relief	Stem, leaf	naturally	Sale in market	Tripuri	All VC
Herb	Moito	Alocasia indica		Plane area	Yes	Yes	seed used in cook	Stem	naturally	Sale in market	Tripuri	All VC
Herb	Thorai ha	Neptunia oleracea	taxonomica lly with the genus	Plane area	Yes	Yes	Toothache and other mouth related	Stem	naturally	Sale in market	Tripuri	All VC

			Acmella				troubles.					
			Gotu kola as				water					All VC
	Sam	Centella	Mackinlaya				mimosa			Sale in		
Herb	satha	asiatica	ceae	Plane area	Yes	Yes	or sensitive	Leaf	naturally	market	Tripuri	
			One				Rarely					All VC
IIla	Ossadai	Spilanthes	common	Diana	Vaa	Vee	against	Leef		Sale in	Tuinuui	
Herb	Osondoi	paniculata	plant	Plane area	Yes	Yes	tuberculosis.	Leaf	naturally	market	Tripuri	
							tap root of					All VC
		Ferula assa-	several				several			Sale in		
Tree	Muching	foetida	species of Ferula	Plane	Yes	Yes	species of Ferula	Leaf	naturally	market	Tripuri	
	8											
Herb	Orai			Plane	Yes	Yes	used in vegetable	Leaf	naturally	Sale in market	Tripuri	All VC
nero	Olai			Flatte	105	105	vegetable	Leai	naturany	market	Inpun	
	~ . i						uses in	Stem,		Sale in		All VC
Herb	Gantha			Plane area	Yes	Yes	sensitive	flower	naturally	market	Tripuri	
							used Blood			Sale in		All VC
Herb	Bokhate			Plane area	Yes	Yes	purifier	Leaf	naturally	market	Tripuri	
	Jinga						used dibetics			Sale in		All VC
Shrub	thaktoi			Plane area	Yes	Yes	medicine	Leaf	naturally	market	Tripuri	
		Momordica	Bitter				Blood			Sale in		All VC
Herb	Gangla	charantia	gourd	Cultivation	Yes	Yes	purifier	Fruit	Tradional	market	Tripuri	

Tree	Curry pata	Murraya koenigii	Sub- tropical	Family Rutaceae	Yes	Yes	used in favour	Leaf	Common spice	Sale in market	Tripuri	All VC
Herb	Haching	Zingiber officinale	Cultivatar	Exotic cultivars	Yes	Yes	Shrub	Root	Tradional	Sale in market	Tripuri	All VC

#### **Format 26: Timber Plants**

1	2	3		4	6	7	8	9	10
Local Name	Scientific Name	Habitat	Local	status	Other uses, (if any)	Associated of TK	Other details	Community/ Knowledge Holder	Name of GP/VC where found
			Past	Present					
Sokal Thori	Cassia fistula	Plane	Yes	Yes	Construction	Gardening		Tripuri	All VC
Kowai	Areca catechu	Plane/hill	Yes	Yes	Construction			Tripuri	All VC
Thaichok	Arecaceae	Plane	Yes	Yes	Construction	Boundart		Tripuri	All VC
Narkara	Cocos nucifera	Plane	Yes	Yes	Construction	Affoestation		Tripuri	All VC
Barchok	Bombax ceiba	Plane/Forest	Yes	Yes	Construction	Cotton		Tripuri	All VC
Thantoroi	Tamarindus indica	Plane/Forest	Yes	Yes	Construction	Affoestation		Tripuri	All VC
bakul	Sesbania grandiflora	Plane/Forest	Yes	Yes	Construction	Affoestation		Tripuri	All VC
Arjun	Terminalia	Plane/Forest	Yes	Yes	Construction	manifestation		Tripuri	All VC

	arjuna							
Shegon	Tectona grandis	Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	All VC
								Atharmura, Kakrachhara, Nunachara,
Shal	Shorea robusta	Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	Haludia
Gamai	Gmelina arborea	Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	All VC
Mandagok		Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	All VC
Kaldam		Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	All VC
Thaichok								All VC
Bofang	Mangifera indica	Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	
Khoroi	Albizia lebbeck	Plane/Forest	Yes	Yes	Construction	Affoestation	Tripuri	All VC
Jram	artocarpus chaplasha	Forest	Yes	Yes	Construction	Affoestation	Tripuri	All VC

## Format 27 A: Coastal and MarineFlora

1	2	3	4		5	6	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habitat	Loca	al status	Part Collected (if any)	Commercial Uses	Other Uses	Associated TK	Community / knowledge Holder	Name of GP/VC where found
				Past	Present						
Herb	Thorai Ha	Neptunia oleracea	Pond	Yes	Yes	Stem	Sale in Market	toothache and other mouth related troubles	Naturally	Tripuri	All VC
Herb	Eleng Cha	Enhydra fluctuans	Pond	Yes	Yes	Stem	Sale in Market	Stomach purifier	Naturally	Tripuri	All VC
Herb	Chichiri		Pond	Yes	Yes	Stem	Sale in Market	Growing blood	Naturally	Tripuri	All VC
Herb	Padda	Nelumbo nucifera	Pond	Yes	Yes	Flower	Sale in Market	Used in Puja	skills and practices	Tripuri	All VC
Herb	Chichiri Poktha		Pond	Yes	Yes	Stem, Root	Fish Egg	Fish feed	Naturally	Tripuri	All VC
											All VC

## Format 27 B: Coastal and Marine Fauna

1	2	3	4		5	6	7	8	9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Loca	al status	Part Collected	Commercial Uses (if any)	Other uses	Associated TK	Community / knowledge Holder	Name of GP/VC where found
				Past	Present						
Species	Sindai	Mercenaria mercenaria	coastal mud flats	Yes	Yes	Inner flesh	For Meat		Seed and natural	Tripuri	All VC
Species	Sikamok	Gastropoda	mollusks	Yes	Yes	Inner flesh	For Meat		Seed and natural	Tripuri	All VC
Species	Yongrap	Gastropoda	Landscape in water	Yes	Yes				Natural	Tripuri	All VC
Species	Crap	Brachyura	Body of water	Yes	Yes	Inner flesh	For Meat		Natural	Tripuri	All VC
Species	Aathok	Caridea	Body of water	Yes	Yes	Flesh	For Meat		Seed and natural	Tripuri	All VC
Species	Yongla	Anura	Body of water	Yes	Yes	Flesh			Natural	Tripuri	All VC
Species	Empro		Body of water	Yes	Yes	Flesh			Natural	Tripuri	All VC
Species	aah yong		Upper water	Yes	Yes		No		Natural	Tripuri	All VC

Species	Sokal karai		Under water	Yes	Yes		No	Natural	Tripuri	All VC
Species	Toi Yong		Under water	Yes	Yes		No	Natural	Tripuri	All VC
Species	Koitchya	Anguillidae	Under ground water	Yes	Yes	Flesh	For Meat	Natural	Tripuri	All VC

#### Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

1	2	3	4	5	6		7	8	9	10	11	12	13
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	hen		Uses (if any)	Associated TK	Mode of Hunting Collecting (if any)	Other Details	Commu nity/ Knowle dge Holder	Name of GP/VC where found
						Past	Present						
Mammal	Mosoi	Cervidae	Forest	cloven- hoofed ungulates	Winter season	Yes	Yes	Meat	Traditional	Hunting for meat	Sale in market	Tripuri	Atharm ura, Nunach hara, Kakrach hara, Haludia

Mammal	Mayong	Loxodon ta	Deep Forest	largest living land animal	Full year seen	Yes	Yes		ecology of the animal	No	Sale in market	Tripuri	Namanj oy, Atharm ura
Mammal	Mocha sampari	Panthera pardus	Deep Forest	nocturnal animals	Winter season	Yes	Yes		ecology of the animal	Hunting for meat	Sale in market	Tripuri	Atharm ura
Mammal	Moisele	Pythonid ae	Forest	interpreted,	Summer season	Yes	Yes		ecology of the animal	Hunting for meat	Sale in market	Tripuri	Atharm ura
Mammal	Mokhara	Macaca mulatta	Common Forest	apes by their tails	Summer season	Yes	Yes		ecology of the animal	No	Sale in market	Tripuri	All VC
Bird	Farok	Pigeon	Common Forest	small-billed birds	All season	Yes	Yes	Meat	ecology of the animal	Hunting for meat	Sale in market	Tripuri	All VC
Bird	Tamsa	Gallus gallus	Forest	primary progenitor	All season	Yes	Yes	Meat	ecology of the animal	Hunting for meat	Sale in market	Tripuri	All VC
			deserts to										All VC
Reptiles	Sokalthoi Nonai	Reptilia	rainfores t	vertebrates covered	All season	Yes	Yes		ecology of the animal	No	Sale in market	Tripuri	
Reptiles	Yangla walai	Pleurodel inae	Forest	terrestrial juvenile phase	All season	Yes	Yes		ecology of the animal	No	Sale in market	Tripuri	All VC
Reprilia	Nok braisa	Urodela	Forest	moist forested	All season	Yes	Yes		ecology of the animal	No	Sale in market	Tripuri	All VC

			weed-									All VC
Amphibia	Sipar	Apoda	choked roadside	wormlike body	All season	Yes	Yes	ecology of the animal	No	Sale in market	Tripuri	
				dry skin,								All VC
	Yangla	Bufo	Common	warts,	All			ecology of		Sale in		
Amphibia	Siplok	bufo	forest	crests	season	Yes	Yes	the animal	No	market	Tripuri	
		Rana	cooler	squat body								All VC
	Yangla	temporar	upland	and	Summer			ecology of		Sale in		
Amphibia	kotak	ia	forests	no tail	season	Yes	Yes	the animal	No	market	Tripuri	
			ground,									All VC
		Coleopte	trees,	very solid	Winter			Crop		Sale in		
Insect	Khebok	ra		and tough	season	Yes	Yes	protection	No	market	Tripuri	
			honey are	drink								All VC
	Piya		tropical	nectar from	All					Sale in		
Insect	madho	Apis	climates	blossoms	season	Yes	Yes	self	No	market	Tripuri	
		Formicid		live in large	All					Sale in		All VC
Insect	Misorom	ae	In hole	groups.	season	Yes	Yes	self	No	market	Tripuri	
			Common	slender true	All					Sale in		All VC
Insect	Thampoi	Culicidae	place	flies	season	Yes	Yes	self	No	market	Tripuri	
			nectar-	flying								All VC
			producin	insects								
		Rhopaloc	g	scaly	Summer					Sale in		
Insect	Lali	era	flowers	wings	season	Yes	Yes	self	No	market	Tripuri	

Insect	Themai	Diptera	locate supplies of food	species found in houses	Summer/ winter	Yes	Yes		self	No	Sale in market	Tripuri	All VC
			Found in	transparent									All VC
		Anisopte	lake,	light	Summer/						Sale in		
Insect	Lenjo	ra	pond	yellow	winter	Yes	Yes		self	No	market	Tripuri	
			tropical					eat					All VC
	Chibok	Mantode	rainfores	Hunting	Summer/			mosquit			Sale in		
Insect	boma	а	t	Adaptations	winter	Yes	Yes	oes	self	No	market	Tripuri	

#### <u>Reference</u>

Sl No	Tittle	Author
1	Medicinal plant of Tripura	Dr. A.KGupta
2	Know your state Tripura	Partha Pratim
		Bhartacharya
3	Tribal Flak medicine of Tripura	Dr. K Debbarma
4	Biological Diversity of Kerala	T.P. Sreedharan
5	A People's Biodiversity Register (PBR) of	Dr. Pia Sethi
	Village Ghukhuyi, Zünheboto, Nagaland	
6	Wild prchids of Meghalaya	C.S Ringh
7	The Book of India	K.C Sahni

# Thanks