

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:-**Lamberi East

**Taluk / Block:-**Lambri

**District:**Rajouri

**State:**Jammu And Kashmir UT

**Geographical Area of the Panchayat Samiti:** 920.0 HA

**Population under the Panchayat Samiti: Total** 3289

**Male:**1754

**Female:**1535

**Total:**3289

**Habitat and Topography:**Hilly & Plain

**Climate (Rainfall, Temperature and weather patterns)** Tropical/ Sub Tropical

**Land Use (Nine fold classification available with village records)**

**Date, Month and Year of PBR Preparation 2020-21 :** 24/10/2021

**Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)**

## Annexure 1

**Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six p  
nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST**

**1)Name of the Chairperson:** Kishori dutt

**Age:** 66 Yrs

**Gender:**Male

**Address:** Lamberi East

**Area of specialization:** Sarpanch

**2) Name:** Soni Devi

**Age:** 54 Yrs

**Gender:** Female

**Address:** Lamberi East

**Area of specialization:** Member (Panch)

**3)Name:** Ranjita Kumari

**Age:** 39 Yrs

**Gender:** Female

**Address:** Lamberi East

**Area of specialization:** Member (Panch)

**4)Name:** Tilak Raj

**Age:** 58Yrs

**Gender:** Male

**Address:** Lamberi East

**Area of specialization:** Member (Panch)

**5)Name:** Jagan Nath

**Age:** 62 Yrs

**Gender:** male

**Address:** Lamberi East

**Area of specialization:** Member (Panch)

**6)Name:** Beena Sharma

**Age:** 38 Yrs

**Gender:** Female

**Address:** Lamberi East

**Area of specialization:** Member

**7)Name:** Mahaveer Singh

**Age:** 28 Yrs

**Gender:** Male

**Address:** Hanjana Thakra (Nowshera)

**Area of specialization:** Panch

**8)Name:** Joginder Paul

**Age:** 46 Yrs

**Gender:** Male

**Address:** Lamberi

**Area of specialization:** Panch

**Annexure-2**

**List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and using biological resources occurring within the jurisdiction of the village**

1) Name : N/A

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: N/A

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: N/A

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

### Annexure 3

#### List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

1) **Name of the Chairperson:** Jagdish Raj

**Age:** 70 Yrs

**Gender:** Male

**Address:** lamberi east

**Area of specialization:** Agriculture

2) **Name of the Chairperson:** Kuldeep Raj

**Age:** 53 Years

**Gender:** Male

**Address:** lamberi east

**Area of specialization:** Agriculture

3) **Name of the Chairperson:** Vishwanath

**Age:** 65 Years

**Gender:** Male

**Address:** lamberi east

**Area of specialization:** Ret. Range officer

4) **Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

## Annexure 4

### Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) **Contact Person:** 9149411023

**Name and Address:** Yash Paul ( Govt. Middle School Dhangar) r/o Dhangri

2) **Contact Person:** Veertha Devi 9797446600

**Name and Address:** r/o Lamberi ( Anganwari Worker)

3) **Contact Person:** Pooja Raina (Multi purpose Health Worker)

**Name and Address:** r/o Bagnoti 7006447846

4) **Contact Person:** N/A

**Name and Address:**

You may add names of more institutions/NGO/Individuals etc, if necessary

## Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A

*End of Part I*

**Format : 01 Crop Plants**

1	2	3	4	5	6	7	8		9	9	10	11	12	13	14
S.No	Crop	Scientific Name	Local Name	Variety	Land Scape / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community / Knowledge Holder
							Past	Present							
1	Rice	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food			
2	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
3	Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food			
4	Mustard	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking			
5	CHICK PEA	<i>Cicer arietinum</i>	Chana	C-235, Gaurav, GNG-469	Sub tropical		Rare	Normal	Medium Yielding	Kharif (May to October)	Source of Protein/Energy	Prefered Food for parties as well as Domestic Consumption			
6	Black Gram	<i>Vigna mungo</i>	Mash	PU-19,UTTRA	Sub tropical		Plenty	Plenty	Rich source of Protein						

Vegetables

a	Okra	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg			
b	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg			
c	Brottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy			



d	Cauliflower	<i>Brassica oleraceae var. botrytis</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	Sub tropical & intermediate		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein, carbohydrate, phosphorus & iron			
e	Cabbage	<i>Brassica oleraceae var. capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	Sub tropical & intermediate		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein, carbohydrate, phosphorus & iron			
f	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi, Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.			
g	Onion	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber, Vitamin B6, C, Potassium and folic acid.			

h	Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri, Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requires cool weather, mostly rainfed conditions		Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high n energy value			
i	Peas	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions, Sub tropical/ Temperate		Normal	Normal	Medium dwarf plant with green well filled pods	Green pods are used as vegetable	-	high in fiber, protein, vitamins, phosphorus, magnesium, copper,			

### Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malda	Subtropical	Plenty	Plenty	Nurseries	June-August		Fruit,Pickling , Preserves	Maketing , own use	
Citrus fruits	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Subtropical, mid hills	Plenty	Plenty	Nurseries	through out year		Fruit,Pickling , Squashes etc.	Maketing , own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	Subtropical	Plenty	Plenty	Nurseries	July-August		Fruit	Maketing , own use	
Grapes	<i>Vitis vinifera michx.</i>	Angoor	Local Dakh, Perlette,	Subtropical,M id hills	Rare	Rare	Nurseries	July-August		Fruit		
Aonla	<i>Emblica officinalis syn. phyllanthus emblica</i>	Ambla	Local selection , NA-7	Subtropical	Plenty	Plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Maketing , own use	
Ber	<i>Zizyphus mauritiana lamk.</i>	Ber	gola, Banarasi	Subtropical	Plenty	Rare	local raised	July-August		Fruit	Own use	
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	Subtropical, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	
Peach	<i>Prunus persica(L.) batsch.</i>	Aaroo	July Elberta, Quetta	Mid hill	Rare	Rare	Nurseries	June-July		Fruit	Maketing , own use	

**FORMAT-3; FODDER CROPS/SPICES**

1	2	3	4	5	6		7	8	9	10	11
S.No	Plant	Scientific Name	Local Name	Land Scape/ Habitat	Local Status		Source of plants/ seeds	Associated TK	Part Used	Other details	Community/ Knowledge holder
					Past	Present					
1	Oats	<i>Avena sativa</i>	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
2	Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
4	Garlic	<i>Allium Sativum</i>	Thom	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers

**FORMAT-4 : WEEDS**

1	2	3	4	5	6	7	8		9	10	11	12	13
S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any	Management Options	Associated TK	Other details like exotic	Community / Knowledge holder
							Past	Present					
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Alellopathy effect, reduce yield	Sub Tropical/ intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	
3	Bathua	<i>Chinopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein, Vit. A, Calcium , Phosporous & potash	Used as green vegetable	
4	Wild Oats	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local	
5	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Alellopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	
6	Barnyard grass	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	Nil	Local	
7	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy, maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	

### FORMAT 5: PESTS OF CROPS

1	2	3	4	5	6	7	8	9	10	11
S.No	Host	Insect/ Animal	Scientific Name	Local Name	Habitat	Time/ Season of Attack	Management mechanism	Associated TK	Other details	Community Knowledge Holder
1	Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	Chewing & biting		Mechanical & Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
7	Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
8	Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
9	Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
10	Maize, Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
11	Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	Sub Troopical /Intermediate	Dec-March	Chemical control	-	Nil	Farmers

**Format 6: Markets for Domesticated animals**

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish

Note: [1] (D) – day; (M) – month;

[2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

### Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub-occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Hindu (2159 Population)	484	Animal Husbandary	Agriculture Landscape	Agricultural resources of different nature	Plantation Construction of Roads Check Mam etc.	Seasonal Practices	SC, ST, OT	Normal	Permanent	484
Muslim (295 Population)	Farming labour								Migration due to breeding occupation	
<p>Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.</p> <p>Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc</p> <p>How the community manages the landscapes they use for satisfying different needs, their strategies and perception</p> <p>How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc</p>										



### Format 8: Landscape

Format 8: Landscape													
1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Agricultural land			Maize, Orchid, vegetables	Open Land	Private	Wheat, maize, dal mash, bajra	Monkey	Locals	Crop rotation, Terrace Farming	Food, Oil, Footer, Vegetable			Locals
				Close land	Private		Rabbit						
				Garden	Private		Pigeon						
							Sparrow						
Forest Land				Forest	chir , Tunu, talli, khair	Monkey	Locals & Nomadic Grazers	-	Timber, Medicines, fruit				Locals & Nomadic Grazers
						Jackal							
						Pig							
Fallow Land				Forest/ State	-								
Pond				Standing water for Plants & animals	Forest/ State/ Private	Algae, Fungi, etc	Fish, Frog snails	Locals	Desilting, dredging, blue pond dye	Drinking , Irrigation purpose			Locals, wild animals
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
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Manawar Tawi		1 km (approx)		Algae, Fern water, hyacinth Pteridophylle	Fish, Crab, Praw, snail, snakes, leech, Crab	Domestic irrigation, Drinkin g purpose	Locals					Locals, wild animals
Nallah			Private	Algae, Fern, Water hyacinth	Snail, snakes, leech	Domestic purpose	Locals					Locals
Pond		Standing water for habitat for Plant & animals	Forest/ state/ Private	Bryophyllum, Fern, Alage, water hilles	Fishes, Snail, Snakes, Leech, Crab	Domestic purpose , drinking	Locals	Desilting , Dredging, Mannual weeding , Blue pond dye				Locals, wild animals

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

### Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Sandy soil	Light grey colour coarse texture	Highly porous, Low nutrients, Poor water holding capacity		All herbivorous plants, animals, maize, barley, wheat, angiosperms & gymnosperms	Bacteria, fungi, algae, protozoa, Earthworm, nematodes, acarids, ant milipeda		
Clay	Light brown	Water holding capacity, xerophytic		Ganira, agave, cactus, aloe vera	Bacteria, fungi, algae, Earthworm, milipeda		
Rocky soil	Black	Hard texture		Bryophyte	Mosses, Lichens, algae, fungi		
Red soil	Red	Water holding capacity, xerophytic		Cactus, species, Ganra, Agave	Nematode, round worm, scorpion, lichen		

**Format 11: Fruit Trees**

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Pear	Nakh	<i>Pyrus spp.</i>	Desi	Mild Hill	Plenty	Rare	Nurseries	August- September	Fruit		Own use	
Jamun	Jamun	<i>Syzgium cumini</i>	Local	Mild Hill	Rare	Rare	Nurseries	June - August	Fruit		Own use	
Amla	Amla	<i>Emblica Officinals</i>	Local	Hill Area , Sub Tropical	Abundant	Rare	Nurseries	November- December	Fruit		Marketing/ Own use	
Guava	Amrood	<i>Psidium guajava</i>	Local, Allahabad	Sub Tropical	Plenty	Rare	Nurseries	July-August	Fruit		Marketing/ Own use	
Mango	Aam	<i>Magnifera indica</i>	Desi Malta	Sub Tropical	Abundant	Rare	Nurseries	June-August	Pickling Fruit		Marketing/ Own use	

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Tree	Aamla	<i>Emblica officinals</i>		Wild & Agricultural land	Seeds	Plenty	Present		Fruit		Market use	Local peoples
Tree	Khair	<i>Acacia catechu</i>		Wild & Agricultural land	Seeds	Plenty	Present		Fruit		Market use	Local peoples
Herb	Aloevera	<i>Aloevera</i>		Agriculture	Plants	Plenty	Present		Leaves	Treat indigestion	Market use	Local peoples
Herb	Pudina	<i>Mentha spp.</i>		Agriculture	Plants	Plenty	Present		Leaves	Treat indigestion	Market use	Local peoples
Shrubs	Timbroo	<i>Zanthoxylum amartum</i>		Agriculture	Seeds	Plenty	Present		Leaves	Treat indigestion	Market use	Local peoples
Shrubs	Bana	<i>Vitis nigundo</i>		Wild	Seeds	Plenty	Present		Leaves	Treat indigestion	Market use	Local peoples
Tree	Behra	<i>Termillia berilica</i>		Wild & Agricultural land	Seeds	Plenty	Present		Fruit		Market use	Local peoples
Tree	Branker	<i>Aadhatoda vasica</i>		Wild	Seeds	Plenty	Present		Leaves	Treat indigestion	Market use	Local peoples
Shrubs	Ratha	<i>Spindus makarach</i>		Wild & Agricultural land	Seeds	Plenty	Present		Fruit		Market use	Local peoples

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)  
 Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal



**Format 14: Timber Plants / Trees**

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details	Community/ Know. Holder
				Past	Present					
Tree	Tali	<i>Dalbergia sissoo</i>			Present	Wild	Timber			Locals / Bakerwals
Tree	Draink	<i>Melia azaderach</i>			Present	Wild	Timber	Medicinal		Local natives of areas
Tree	Mango	<i>Magnifera indica</i>			Present	Wild	Timber			Local natives of areas
Tree	Chir	<i>Pinus roxburghii</i>			Present	Wild	Timber			Local natives of areas
Tree	Toona	<i>Toona ciliata</i>			Present	Wild	Timber			Locals
Tree	Simble	<i>Bombax cieba</i>			Present	Wild	Timber			Locals

### Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Mammals	Cow	<i>Bos taurus</i>	Desi, Jarsi, Frozen			Plenty	Plenty	Milk				Locals
Mammals	Buffalo	<i>Bubalus bubalis</i>	Local			Plenty	Plenty	Milk				Locals
Mammals	Goat	<i>Capra aegagrus hircus</i>	Local (Phari)			Plenty	Plenty	Meat & Milk				Locals
Mammals	Sheep	<i>Ovis aries</i>	Local			Plenty	Plenty	Meat & Wool				Locals
Mammals	Ox	<i>Bos taurus</i>	Local, Desi			Plenty	Rare	Agricultural field				Locals

Uses include milk, meat, skin, fur and etc



### Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc



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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Tali	<i>Dalbergia sissoo</i>		Wild / Agriculture		Present	Commercial	Stem			Locals
Tree	Chir	<i>Pinus roxburghii</i>		Wild		Present	Commercial	Stem			Locals
Tree	Toona	<i>Toona ciliat</i>		Wild / Agriculture		Present	Commercial	Stem			Locals
Tree	Peepal	<i>Ficus religiosa</i>		Wild / Agriculture		Present	Commercial	Stem			Locals
Shrubs	Bana	<i>Vitex nigundo</i>		Wild / Agriculture		Present	Commercial	Leaves			Locals
Shrubs	Santha	<i>Dodonaea viscosa</i>		Wild / Agriculture		Present	Commercial	Leaves			Locals
Shrubs	Garna	<i>Carissa opaca</i>		Wild		Present	Commercial	Leaves			Locals
Herb	Aloevera	<i>Aloevera</i>		Agriculture		Present	Commercial	Leaf			Locals
Herb	Ment	<i>Mentha spp.</i>		Agriculture		Present	Commercial	Leaf			Locals

**Format 19: Wild Plant Species of Importance**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>S. No.</b>	<b>Local Name</b>	<b>Scientific Name</b>	<b>Variety</b>	<b>Importance (as economic, social, cultural etc.)</b>	<b>Status</b>
1	Chir	<i>Pinus roxburghii</i>		Furniture, resin , medicinal	Present
2	Safeda	<i>Eucalyptus globulus</i>		Reduce cough, cold, etc	Present
3	Talli	<i>Dalbergia sissoo</i>		Timber	Present
4	Amla	<i>Emblica officinalis</i>		Economic	Present
5	Peepal	<i>Ficus relegosia</i>		Economic	Present
6	Toon	<i>Toona ciliata</i>		Timber	Present
7	Mango	<i>Magnifera indica</i>		Timber	Present

### Format 20 : Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
Local Name	scientific Name	Variety	Features	Habitat	Local status		Uses	Associated TK	Other Details	community/ Know. Holder
					Past	Present				
Fish	<i>Ikhthyal</i>	-	-	Inside water	Plenty	Plenty	Catable			
Frog	<i>Bufo ridose</i>	Wild	Small frog	Inside, outside water	Plenty	Plenty	Nil	Unknown	Unknown	Self observed
Snake	<i>Serpentes</i>			Inside, outside water	Rare	Rare	Nil			
Aak	<i>Ipomoea carnea</i>	Wild	Small Plant	Along the pond side	Plenty	Plenty	Soil burden species	Unknown	Unknown	Self observed
Water lilly	<i>Nymphaeaceae</i>	Indigenous flora	Aquatic Plants	Streams	Rare	Rare	Not Known	Unknown	Unknown	Self observed

Other details may include mode of catching fish, time of availability, breeding time, etc

**Format 21: Wild Aquatic Plant Species of Importance**

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Lucky 4-leaf clover	<i>Marsillia-mutica</i>	Aquatic plants		-
2	Monkey wort	<i>Bacopa monnieri</i>	Aquatic plants		
3	Water lily	<i>Nymphaeaceae</i>	Aquatic plants		
4	Water papy	<i>Hydrocleys nymphoides</i>	Aquatic plants		

**Format 22: Wild Plants of Medicinal Importance**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Tree	Karangal	<i>Cassia fistula</i>			Present	Present	Trifla	Medicinal Use	Fruit		Local People
Tree	Amla	<i>Emblica officinalis</i>			Present	Present	Trifla	Medicinal Use	Fruit		Local People
Shrubs	Santha	<i>Dodonaea viscosa</i>			Present	Present	Trifla	Medicinal Use	Fruit		Local People
Shrubs	Bana	<i>Vitex nigundo</i>			Present	Present	Pesticide	Medicinal Use	Leaves		Local People
Herb	Tulsi	<i>Ocimum tenuiflorum</i>			Present	Present	Improve appetite	Medicinal Use	Leaves		Local People
Herb	Pudina	<i>Mentha spp.</i>			Present	Present	Improve appetite	Medicinal Use	Leaves		Local People

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)  
Other details: Harvesting period /Perennial/annual/seasonal

**Format 23: Wild relatives of Crop**

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details	community/ knowledge Holder
				Past	Present					
Jungly Methi	-	-	-	-	-	-	-	Leaves		
Local Aam	<i>Magnifera indica</i>	Magnifera indica	Wild	Good	Normal		Edible Fruit	Fruit		
Ber	<i>Ziziphus jujuba</i>	Zipus mouritiana	Wild	Good	Good		Edible Fruit	Fruit		
Kainthi	<i>Pyrus pyrifolia</i>	Pyrus commuris	Wild	Good	Good		Edible Fruit	Fruit		
Wild grapes	<i>Vitis vinifera</i>	Vitis	Wild	Good	Normal		Edible Fruit	Fruit		

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)  
 Other details: Harvesting period /Perennial/annual/seasonal





**Format 25: Fumigate / Chewing Plants**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details (Mode of use)	Community/ knowledge Holder
					Past	Present					
Shrubs	Ganore	-	-	Forest	-	-	-	-	-		
Shrubs	Timbroo	<i>Zanthoxylum armatum</i>		Agriculture		Present		Medicine	Leaves		
Herb	Pudina	<i>Mentha spp.</i>		Agriculture		Present		Medicine	Leaves		
Herb	Saunf	<i>Foeniculum vulgare</i>		Agriculture		Present		Medicine	Leaves		
Herb	Dania	<i>Exyoraium volgare</i>		Agriculture		Present		Medicine	Leaves		

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant







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

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Mammals	Goat	<i>Capra aegagrus</i>	Wild		Everytime		Present					Local
Mammals	Jackal	<i>Canis aureus</i>	Wild		Everytime		Present					Local
Mammals	Monkey	<i>Cercopithecidae</i>	Wild		Everytime		Present					Local
Amphibians	Frog	<i>Rana tigrina</i>	Land & Water		Everytime		Present					Local
Reptile	Snake	<i>Serpentes</i>	Land		Summer		Present					Local
Reptile	Lizard	<i>Lacertilia</i>	Land		Summer		Present					Local

**Format 29: Flora**

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Chir	<i>Pinus roxburghii</i>	Tree	Sub-Tropical	June-July	Common
2	Aam	<i>Magnifedra indica</i>	Tree	Sub-Tropical	March-April	Rare
3	Tali	<i>Dalbergia sissoo</i>	Tree	Sub-Tropical	April-May	Rare
4	Toon	<i>Toona ciliata</i>	Tree	Sub-Tropical	April-May	Rare
5	Jamun	<i>Syzygium cummuni</i>	Tree	Sub-Tropical	April-May	Common
6	Bana	<i>Vitex nigundo</i>	Shrub	Wild and Agriculture	May-June	Rare
7	Santha	<i>Dodonaea viscosa</i>	Shrub	Wild and Agriculture	May-June	Common
8	Garna	<i>Carissa opaca</i>	Shrub	Sub-Tropical	Feb-March	Common
9	Ment (Pudina)	<i>Mentha spp.</i>	Herb	Wild and Agriculture	Feb-March	Common
10	Aloe vera	<i>Aloe vera</i>	Herb	Sub-Tropical	Feb-March	Common

**Note:** Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

**Format 30: Fauna**

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Monkey	<i>Cercopithecidae</i>	Mammals	Forest	Common
2	Pig	<i>Sus</i>	Mammals	Forest	Common
3	Jackal	<i>Canis aureus</i>	Mammals	Forest	Common
4	Snake	<i>Serpentes</i>	Reptile	Land & water	Common
5	Goat	<i>Capra aegagrus hircus</i>	Mammals	Forest	Common
6	Ant	<i>Formicidae</i>	Insects	Land	Common
7	Lizard	<i>Lacertilia</i>	Reptile	Forest	Common
8	Honey Bee	<i>Apis mellifera</i>	Insects	Land	Common

**Note:** Separate format should be used for road side plantation - habitat / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat



**Format 31: Any other information of local importance**

1	2	3
Sr. No.	Information of local importance	Remarks

*End of Part II*