

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Peoni

Taluk: Majalta

District: Udhampur

State: J&K UT

Geographical Area of the Panchayat Samiti: 250.40 htz.

Population under the Panchayat Samiti: Total 1985

Male: 1026

Female: 959

Habitat and Topography: Nil

Climate (Rainfall, Temperature and weather patterns): Weather Patterns

Land Use (Nine fold classification available with village records) Agriculture, Forerst, Domestic, Plantation Use.

Date, Month and Year of PBR Preparation: 25/10/2020

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 persons 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: Sh Raghubir Singh

Age: 76

Gender: Male

Address: Peoni

Area of specialization: Wheat (Agriculture)

2) Name: Smt Anita Devi

Age: 48

Gender: Female

Address: Peoni

Area of specialization: Wheat (Agriculture)

3) Name: Smt Shoba Rani

Age: 33

Gender: Female

Address: Peoni

Area of specialization: Wheat (Agriculture)

4)Name: Sh Anwar Hussain

Age: 55

Gender: Male

Address: Peoni

Area of specialization: Wheat (Agriculture)

5)Name: Sh Chaman Lal

Age: 66

Gender: Male

Address: Peoni

Area of specialization: wheat (Agriculture)

6)Name: Sh Narotam Singh

Age: 53

Gender: Male

Address: Peoni

Area of specialization: Wheat (Agriculture)

7)Name: Sh Arun Sharma

Age: 27

Gender: Male

Address: Peoni

Area of specialization: Wheat (Agriculture)

Annexure-2

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

1) Name : Nil

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:

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:

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: Nil

Age:

Gender:

Address:

Area of specialization:

2) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

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: Om Parkash

Name and Address: MS Banja Da Nal

2) Contact Person: Shanti Devi

Name and Address: MS Cheani

3) Contact Person:

Name and Address:

4) Contact Person:

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
	Nil	Nil	Nil	Nil	Nil

End of Part I

Part II
PBR – Formats
AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown (hectare)	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>		Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for “Valicha” cultivation		Kurichiya Kuruma W. Chetty
Maize	<i>Zea mays</i>	Makki	Improved Varieties only	Hilly	241.65	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	July-October	Food Fodder, Grain	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kanak	Improved Varieties only	Hilly	25	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	November-April	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Tomato	<i>Solanum lycopersicum</i>	Tamatar							January-Mid Feb	Food			Agriculture Department/ Private agencies	

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 ‘other details’ vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

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 Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Apricot	<i>Prunus armeniaca</i>	Khobani	Improved	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Walnut	<i>Juglans regia</i>	Khode	Normal	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Peach	<i>Prunus persica</i>	Adu	Improved/ Local	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Mango	<i>Mangifera indica</i>	Amb	Desi						-			Popular in Local Population
Lemon	<i>Citrus limon</i>	Nimboo	Wild	Sub-Tropical	Good		Grafted plant	March-October	-	Processing	Own use	Popular in Local Population
Gauva	<i>Psidium guajava</i>	Amrood	Desi						-			Popular in Local Population
Amla	<i>Phyllanthus emblica</i>	Amla	Desi	Sub-Tropical	Good		Seedling Tree	March-November	-	Processing	Own use	Popular in Local Population
Jamun	<i>Syzygium cumini</i>	Jamun	Wild	Sub-Tropical	Good		Seedling and Grafted	March-July	-	Processing	Own use	Popular in Local Population
Bael	<i>Aegle marmelos</i>	Bael	Wild	Sub-Tropical	Good		Seedling	March-June	-	Table Purpose	Own use	Popular in Local Population
Lychee	<i>Litchi chinensis</i>	Lychee	Dehradun	Sub-Tropical	Good		Layered Plant	March-July	-	Table purpose	Own use	Popular in Local Population
Ber	<i>Ziziphus mauritiana</i>	Ber	Umran	Sub-Tropical	Good		Grafted plant	March-November	-	Table purpose	Own use	Popular in Local Population

Format 3: Fodder Crops / Species										
1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Sorghum	<i>Sorghum bicolor</i>	Jowar	Warm Climate Crop	Plenty	Plenty	Farmers /Agriculture Department/ Private	It has resistance to desiccation and tolerate water logging condition	Whole Plant	Soil with Clay, Loam texture having good water retention capacity	Almost all the farmers has sufficient knowledge
Jowar	<i>Sorghum bicolor</i>	Chari	All landscapes	Rare	Moderate	Agriculture department		Whole Plant		
Maize	<i>Zea mays</i>	Makki	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
Bajra	<i>Pennisetum americanum</i>	Bajra	Hilly	Rare	Rare	Farmers /Agriculture Department/Locala	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge Holder
						Past	Present					
Dub Grass	<i>Cynodon - dactylon</i>	Dub Grass	Rabi/ Kharif		Hilly	Abundant	Abundant	Fooder	Mechanical, Chemical	-	Agri. & wasteLand	Farmers
Wild oats	<i>Avena fatua</i>	Jangli Javi	Wheat		All landscapes	Good	Good	Fooder	Culturral/chemical	-	Local	Farmers
Wild Rice	<i>Echinochloa colona</i>	Swanki	Paddy		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers
Dhoob	<i>Cynodon dactylon</i>	Dhoob	Maize	Host plant completes redacationin the field of main crop	Grows with maize crop	Plenty	Plenty	Nil	Nil		Loses caused by seeds are more during early stage	
Bathua	<i>Chenopodium album</i>	Bathua	Wheat		Germination in the field after 20 days	Plenty	Plenty	Edible	Use of weed material		Multiply Varieties	
Ubban	<i>Philarsis Minor</i>	Ubnan	Wheat		All landscapes	Good	Good	Edible	Culturral/chemical		local	

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management Mechanism	Associated TK	Other Details	Community Knowledge Holder
	Cut worm	<i>Agrotis ipsilon</i>	Ludi/ Toka	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Field rats	<i>Rattus meltda</i>	fpri-	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Monkey	<i>Macaca mulatta</i>	Bander/ Tolo	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Porcupine	<i>erethizon dorsatum</i>	Say	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
Wheat	Field rats	<i>Bandicata species</i>	Chua/kees		Throughout year		-		
Soil	Termites	<i>Microtermes obesi</i>	Deemak		Throughout year	Destroy Termites in and around fields	-		
Soil	Cut worm	<i>Agrotis ipsilon</i>	Lure	Soil	Kharif	Ipm/chemical	-		
Maize	Army worm	<i>Spodoptera frugiperda</i>	Kiri	Plants	Kharif	Ipm/chemical	-		

Other details may include possible reasons for insects/animal attack

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

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											
Planes & Hilly Area			Hily	Hilly and Wellas	Forest Land, Private Land & State Land	Board Leaves Mainly	Domesitic Animals, Wild life such as Porcupine, Jackal Etc.	Public as well as Private and Govt. also	Nil	Plantation and Agriculture	Nil	Nil	Nil

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
Ponds	-		Forest Land & Private Land	Kamal Baryan	Frogs, Fishes, Tortoise, Snakes & Snails	Cattle, Washing Clothes, Irrigation on Drinking etc.	Public					
Bowlis			Private Land		Frogs, Fishes, Tortoise, Snakes & Snails	Cattle, Washing Clothes, Irrigation on Drinking etc.	Public					

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
Alluvial Sandy Soil	Fine & Coarsegrain	Rich in N, CA, FE, SI					
Hilly & Mountain Soil	Fine & Coarsegrain	Rich in N, CA, FE, SI					
Red Podzolic	Brown Red	Rich in CA, FE, SI					
Un Consolidated Boulder Soil	Corous Grains Rocky	Rich in FE, SI					

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
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						
Tree	Mango	<i>Mangifera indica</i>	Desi, Dasher	Sub Tropical	Good	Good	Seedling	Summer	Table, Processing	Record available	Own use	Community holder
Tree	Guava	<i>Psidium guajava</i>	-	Sub Tropical	Good	Good	Seedling	Summer	Processing	Record available	Own use	Community holder
	Lemon	<i>Citrus limon</i>		Sub Tropical	Good	Good	Grafted	March-October	Processing	Record available	Own use	Community holder
	Jamun	<i>Syzygium cumini</i>	Local	Sub Tropical	Good	Good	Seedling and Grafted	March-July	Table, Processing	Record available	Own use	Community holder
	Litchi	<i>Litchi chinensis</i>		Sub Tropical	Good	Good	Layered Plant	March-July	Table, Processing	Record available	Own use	Community holder

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					
Herbs	Jungli Putana	<i>Mentha</i>		Lower Shiwalik	Roots	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Brankad	<i>Adhatoda vasica</i>	Tree	Shiwalik	Seeds	Good	Good	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Drainkdu	<i>Murraya koenigii</i>	Tree	Shiwalik	Seeds	Good	Good	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Thor	<i>Euphorbia royleana</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves Fruits	NA	NA	Generally held by Community
Tree	Bair	<i>Ziziphus mauritiana</i>	Tree	Shiwalik	Seeds	Good	Good	Nil	Steam	NA	NA	Generally held by Community
Tree	Draink	<i>Melia azedarach</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Tree	Jammun	<i>Syzygium cumini</i>	Tree	Shiwalik	Seeds	Good	Good	Maintain Sugar Level in Human body	Leaves Fruits	NA	NA	Generally held by Community
Tree	Mango	<i>Mangifera indica</i>	Tree	Shiwalik	Seeds	Good	Good	Nil	Stem / Fuits	NA	NA	Generally held by Community
Tree	Arjun	<i>Terminalia arjuna</i>	Tree	Shiwalik	Seeds	Good	Good	Nil	Leaves / Bark	NA	NA	Generally held by Community
Tree	Neem	<i>Azadirachta indica</i>		Lower Shiwalik	Seeds	Rare	Rare	Nil	Leaves / Bark	NA	NA	Generally held by Community
Tree	Khair	<i>Acacia catechu</i>	Tree	Shiwalik	Seeds	Good	Good	Nil	Leaves and Stem	NA	NA	Generally held by Community
Tree	Lusada	<i>Cordia dichotoma</i>		Lower Shiwalik	Seeds	Rare	Rare	Nil	Leaves / Fruits	NA	NA	Generally held by Community
	Rumbal	<i>Ficus racemosa</i>	Tree	Shiwalik	Seeds	Good	Good	Nil		NA	NA	Generally held by Community
	Tali	Dalbergia siss	Tree	Shiwalik	Seeds	Good	Good	Nil		NA	NA	Generally held by Community

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 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of Plant/Seeds	Commercial/ Non- Commercial	Uses	Associated TK	Other details	Community/ Know. Holder
Climbers	Kareer	<i>Rosa Acicularis</i>		Seed	Non Commercial	NA	NA	NA	NA
Tree	Peepal	<i>Ficus religiosa</i>		Forest	Non Commercial				
Tree	Silver Oak	<i>Grevillea robusta</i>		Nurseries/Forest	Non Commercial				
Tree	Tali	<i>Dalbergia sissoo</i>		Forest	Non Commercial				
Tree	Sagwan	<i>Tectona grandis</i>		Nurseries/Forest	Non Commercial				
Bush/Shrubs	Bottle Brush	<i>Callistemon</i>		Nurseries/Forest	Non Commercial				
Tree	Sukh Chain	<i>Pongamia pinnata</i>		Nurseries/Forest	Non Commercial				
Tree	amb	<i>Mangifera indica</i>		Forest	Non Commercial				

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					
Cattle	Gaay	<i>Bosindicus</i>	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Nil	Ghee, curd, Butter, kaladi, cheese	Farmer
	Jersey	<i>Bos Tarus</i>	Jersey Hybrid	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd, Butter, kaladi, cheese	Farmer
	HF	<i>Bos Tarus</i>	Hforos	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd, Butter, kaladi, cheese	Farmer
	Sahiwal	<i>Bosindicus</i>	Local	Humped		Less	Large	drought milk	Milk good for brain	No	Ghee, curd, Butter, kaladi, cheese	Farmer
Buffalo	Bhains	<i>Bubblous</i> <i>Bubalis</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Milk	Ploughing	No	Ploughing, carting	Farmer
Buffox	Saand	<i>Bubblous</i> <i>Bubalis</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Ploughing	Ploughing	No	Ploughing, carting	Farmer
Goat	Bakri	<i>Capra Hercus</i>	Local/Hybrid	-	Domesticated	Available	Available	Milk, Meat	-	Yes	Meat, Milk, Hide	Farmer, Bakerwal, shepherd
Sheep	Bhed	<i>Ovisovis</i>	Local/Hybrid	-	Domesticated	Available	Available	Meat	-	Yes	Meat and wool	Farmer, Bakerwal, shepherd
Dog	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	Pet/Domesticated	Available	Available	Guarding	-	No	Guarding/security	Individual
Cat	Billi	<i>Felis Catus</i>	Local	-	Domesticated	Available	Available	Pest Control	-	No	-	-
Horse	Ghorda	<i>Equscabalus</i>	Local/Hybrid	-	Domesticated	Available	Available	Drought	-	-	Drought, racing	Indivial horse owner
Pig	Suar	<i>Subscrofa</i>	Local	-	free roaming	Available	Available	Meat	-	-	Meat	Pig owner
Mule	Khachar	-	Local	-	Domesticated	Available	Available	Drought	-	-	drought	Mule Owner
Donkey	Gadda	<i>Equus asinus</i>	Local	-	Domesticated, free roaming	Available	Available	Drought	-	-	loading drought	Donkey owner
Camel	Ount	<i>Camelus</i>					Rare					

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					
Carps	Rohu	<i>Labeo rohita</i>	IMC's	Bony Fish	(Pond/Bheri/ Talao)	Carp culture was taken up after the year 2002.	Carp Culture is being taken up with the facilitation of the department.	Human Food Fish	Partial	Yes	Mode of Catching Fish:- Drag Netting , Cast Netting etc., Breeding Time:- Monsoon season and Common Carp also breeds during the month of March and April. Fish Seed is procured from the differnet Farms of the Department. Traditionally Feeding is done by mixing Mustard Oil Cake Rice Bran, Wheat Bran,Crushed Maize etc. But now a days formulated pelleted feed is also available.	Yes, Among Farming Community.
	Mrigal	<i>Cirrhinus mrigla</i>										
	Catla	<i>Catla catla</i>										
	Common Carp	<i>Cyprinus carpio</i>	Exotic Carps									
Grass Carp	<i>Ctenopharyngodon idella</i>											

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

WILD BIODIVERSITY
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	Simbal	<i>Bombax ceiba</i>	Tree	Sub Tropical	Good	Moderate	Commercial / Own Use	Timber / Fire Wood			
Tree	Saintha	<i>Dodonaea viscosa</i>	Shurbs	Sub Tropical	Good	Moderate	Both	Timber / Fire Wood			
Tree	Shisham	<i>Dalbergia sissoo</i>	Tree	Sub Tropical	Good	Moderate	Both	Timber / Fire Wood			
	Sris	<i>Albizia lebbek</i>	Tree		Good	Moderate	Commercial / Own Use				
	Karngal		Tree		Good	Moderate	Commercial / Own Use				
	Ber	<i>Ziziphus mauritiana</i>	Tree		Good	Moderate	Commercial / Own Use				
	Chir	<i>Pinus roxburghii</i>	Tree		Good	Moderate	Commercial / Own Use				
	Khair	<i>Senegalia catechu</i>	Tree		Good	Moderate	Commercial / Own Use				
	Tali	<i>Dalbergia sissoo</i>	Tree		Good	Moderate	Commercial / Own Use				
	Rumble	<i>Ficus racemosa</i>	Tree		Good	Moderate	Commercial / Own Use				
	Bour	<i>Ficus benghalensis</i>	Tree		Good	Moderate	Commercial / Own Use				
	Garna	<i>Carissa spinarum</i>	Tree		Good	Moderate	Commercial / Own Use				
	Draink	<i>Melia azedarach</i>	Tree		Good	Moderate	Commercial / Own Use				
	Kamila	<i>Mallotus philippensis</i>	Tree		Good	Moderate	Commercial / Own Use				

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (as Economic, Social, Cultural etc.)	Status
1	Saintha	<i>Dodonaea viscosa</i>	-	Fire Wood	Good
2	Kanner / Lagendilka	<i>Nerumindicum</i>	-	Fire Wood	Good
3	Amla	<i>Phyllanthus emblica</i>		Economic/cultural	Abundance
4	Bair	<i>Ziziphus Xylococarpa</i>		Economic/cultural	Rare
5	Bheda	<i>Terminalia bellerica</i>		Economic/cultural	Rare
6	Bill-Patre	<i>Aegle marmelos</i>		social/culture	Rare
7	Drankh	<i>Melia azedarach</i>		Economic/cultural	Abundance
8	Harad	<i>Terminalia chebula</i>		Economic/cultural	Abundance
9	Jaman	<i>Syzygium cumini</i>		Economic/cultural	Abundance
10	Kakad-Singhi	<i>Pistacia Integerrima</i>		Economic	Abundance
11	Karal	<i>Bauhinia variegata</i>		Economic	Abundance
12	Khair	<i>Acacia catechu</i>		Economic	Abundance
13	Kringal	<i>Casia fistula</i>		Social	Abundance
14	Lusada	<i>Cordia dichotoma</i>		Economic	Rare
15	Mangoo	<i>Mangnifera indica</i>		Economic/cultural	Abundance
16	Retha	<i>Sapindus mukorosii</i>		Economic	Rare
17	Rumbal	<i>Ficus racemosa</i>		Economic	Rare
18	Sree	<i>Albizzia lebback</i>		Economic	Abundance
19	Talli	<i>Dalbergia sisso</i>		Economic	Abundance
20	Trimbal	<i>Ficus auriculata</i>		Economic	Abundance
21	Trimuru	<i>Zantho xylum aurmatum</i>		Economic	Rare
22	Tuni	<i>Toona cilata</i>		Economic	Rare
23	Jatrofa	<i>Jatropha curcasa</i>		Economic	Abundance
24	Arjun	<i>Terminalia arjuna</i>		Economic	Abundance
25	Anardana	<i>Punica granatum</i>		Economic	Rare
26	Brankad	<i>Adha toda vesica</i>		Economic	Abundance
27	Drainkdu	<i>Murraya koenigii</i>		Economic	Abundance
28	Dussa	<i>Colebrookia oppositifolia</i>		Economic	Abundance
29	Bana	<i>Vitex nigundo</i>		Cultural	Abundance
30	Kau	<i>Olea cuspidata</i>		Economic	Rare
31	Akk Datura	<i>Calotropis procera</i>		Cultural	Abundance
32	Dudlu	<i>Taraxacum Officinale</i>		Cultural	Rare

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/ Knowledge Holder
					Past	Present				
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil

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	Behra	<i>Terminalia Bellirica</i>	Tree	Northern Sub-Tropical	Good	Good	Nil	Medicinal	Bark		
Tree	Sukh Chain	<i>Pongamia pinnata</i>	Tree	Northern Sub-Tropical	Good	Good	Nil	Medicinal	Bark		

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 Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated Crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Khair	<i>Acacia catechu</i>			Available						
Phulai	<i>Acacia modesta</i>			Available						
Simbal	<i>Bombax ceiba</i>			Available						
Toot	<i>Morus alba</i>			Available						
Krangal	<i>Cassia fistula</i>			Available						
Drainkeri	<i>Murraya koenigni</i>			Available						
Amla	<i>Phyllanthus emblica</i>			Available						
Jamun	<i>Syzygium cumini</i>			Available						

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

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-Commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Panj tara	<i>Tara spinosa</i>	Shurb	Northern Sub-Tropical	Nil	Nil	Nil	Nil
Gulmohar	<i>Delonix regia</i>	Tree	Northern Sub-Tropical	Nil	Nil	Nil	Nil

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		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil		Nil	Nil	Nil	Nil	Nil

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Shisham	<i>Dalbergia sisso.</i>	Sub-Tropical	Good	Moderate	Commercial / Own Use	Timber / Fire Wood		
Safeda	<i>Eucalyptus spp.</i>	Sub-Tropical	Good	Moderate	Commercial / Own Use	Timber / Fire Wood		
Khair	<i>Acacia catechu</i>		Good	Good				Generally held by community
Phulai	<i>Acacia modesta</i>		Good	Good				Generally held by community
Kala siris	<i>Albizia lebback</i>		Good	Good				Generally held by community
Safeda siris	<i>Albizia procera</i>		Good	Good				Generally held by community
Simbal	<i>Bombax ceiba</i>		Good	Good				Generally held by community
Toot	<i>Morus alba</i>		Good	Good				Generally held by community
Gama	<i>Carissa spinarum</i>		Good	Good				Generally held by community
Krangal	<i>Carissa fistula</i>		Good	Good				Generally held by community
Rumble	<i>ficus racemosa</i>		Good	Good				Generally held by community
Peepal	<i>Ficus benghalensis</i>		Good	Good				Generally held by community
Kamila	<i>Mallotus philippensis</i>		Good	Good				Generally held by community
Aam	<i>Magnifera indica</i>		Good	Good				Generally held by community
Amla	<i>Phyllanthus emblica</i>		Good	Good				Generally held by community
Chir	<i>Pinus roxburghii</i>		Good	Good				Generally held by community
Brenkor	<i>Justicia adhatoda</i>		Good	Good				Generally held by community

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					
Wild Animals	Leopard	<i>Panthera pardus</i>	North. Sub-Tropical	Nil	Nil	Good	Good					
Wild Animals	Squirrel	<i>Sciuridae</i>	North. Sub-Tropical	Nil	Nil	Good	Good					
Wild Animals	Pig	<i>Suidae</i>	North. Sub-Tropical	Nil	Nil	Good	Good					
Wild Animals	Monkey	<i>Ecidae</i>	North. Sub-Tropical	Nil	Nil	Good	Good					
Wild Animals	Jackal	<i>Canis aureus</i>	Sub-Tropical	Nil	Nil	Good	Good					

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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.)

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	<i>Scientific Name</i>	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)

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
	Nil	

End of Part II