

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Majalta

Taluk: Majalta

District: Udhampur

State: J&K UT

Geographical Area of the Panchayat Samiti: Hilly

Population under the Panchayat Samiti: Total 1954

Male: 1007

Female: 947

Habitat and Topography: Hills

Climate (Rainfall, Temperature and weather patterns): Rainfall

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

Date, Month and Year of PBR Preparation: 21/08/2020

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: Kuldeep Kumar

Age: 36

Gender: Male

Address: Majalta

Area of specialization:

2) Name: Satya Devi

Age: 36

Gender: Female

Address: Majalta

Area of specialization:

3) Name: Rita Devi

Age: 37

Gender: Female

Address: Majalta

Area of specialization:

4)Name: Charan Dass

Age: 65

Gender: Male

Address: Majalta

Area of specialization:

5)Name: Shiv Kumar Verma

Age: 68

Gender: Male

Address: Majalta

Area of specialization:

6)Name: Des Raj Gupta

Age: 73

Gender:Male

Address: Majalta

Area of specialization:

7)Name: Areen Sharma

Age: 27

Gender: Male

Address: Majalta

Area of specialization:

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 :

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:

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: 7298810223

Name and Address: Kewal Kumar & Battal

2) Contact Person: 9858671820

Name and Address: Khajoor Singh & Ramkot

3) Contact Person: 9622965500

Name and Address: Romesh Singh, Majalta

4) Contact Person: 9484177029

Name and Address: DR. Paris

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

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>	Muck	Improved Varieties only	Hilly	241.65	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	July-October	Food Fodder	Provides more energy	-	Agriculture Deptt. / Pvt. Agencies	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kank	Improved Varieties only	Hilly	25	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Nov-April	Food Fodder	Provides more energy	-	Agriculture Deptt. / Pvt. Agencies	Farmers/ Department
Tomato	<i>Oryza Sativa</i>	Tamatar							Jan - Feb	Food Fodder			Agriculture Deptt. / Pvt. 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 type	Local Name	Scientific Name	Variety	Habitat	Local Status		Source of Seeds/ Plants	Season of fruiting	Associated TK	Uses	Other Details	Community Knowledge Holder
					Past	Present						
Woody Tree	Mango	<i>Mangifera indica</i>	Tree	Subtropical	Available	Available	Seedling Tree	Mar-Aug	Record available in old books	Fruits	Own use	Popular in Local population
Woody Tree	Guava	<i>Psidium guajava</i>	Tree	Subtropical	Available	Available	Layered plant	Mar- July	Introduced by traders	Fruits	Own use	Popular in Local population
Woody Tree	Bael	<i>Aegle marmalos</i>	Tree	Subtropical	Available	Available	Seedling Tree	Mar-June	Record available in old books	Fruits	Own use	Popular in Local population
Woody Tree	Jamun	<i>Syzygium cumini</i>	Tree	Subtropical	Available	Available	Seedling and grafted	Mar-July	Record available in old books	Fruits	Own use	Popular in Local population
Woody Tree	Amla	<i>Emblica officinalis</i>	Tree	Subtropical	Available	Available	Seedling	Mar-Nov	Record available in old books	Fruits	Own use	Popular in Local population
Woody Tree	Nimboo	<i>Citrus aurantifolia</i>	Tree	Subtropical	Available	Available	Grafted plant	Mar-Oct	Record available in old books	Fruits	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>	Charri	Warm climate crop	Abundant	Abundant	Agriculture Deptt. / Pvt	Nutritious & palatable fodder, Source of energy for animals	Whole plant	Soil with clay loam having good water retention capacity	Almost all the farming families has sufficient knowledge
Jawar	<i>Sorghum bicolor</i>	Jawar	All Landscape	Rare	Moderate	Agriculture Deptt. / Pvt		Whole plant	Cattler	Almost all the farming families has sufficient knowledge
Bajra	<i>Pennisetum americanum</i>	Bajra	Hilly	Rare	Rare	Local / Agri. Deptt	Nutritious & palatable fodder, Source of energy for animals	Whole plant	Cattler	Almost all the farming families has sufficient knowledge

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	Maize	Host plant competition reduction in field of main crop	Grows with maize crop	Abundant	Abundant	Nil		-	Losses caused by weeds are more during early states	Almost all the farming families has sufficient knowledge
Bathua	<i>Chenopodium sp</i>		Wheat		Germination in the field after 20 days	Abundant	Abundant	Edible	Use of weedicide	-	Multiply very fast	Almost all the farming families has sufficient knowledge
Wild oats	<i>Avena fatua</i>	Jangli Javi	Wheat		All landscapes	Abundant	Abundant	Fodder	Cultural chemical	-	Local	Almost all the farming families has sufficient knowledge
Ubban	<i>Phaisasis Minor</i>		Wheat		All landscapes	Abundant	Abundant	Fodder	Cultural chemical	-	Local	Almost all the farming families has sufficient knowledge
Chleri	<i>Amaranthus viridis</i>		Pulses / wheat		All landscapes	Abundant	Abundant	Edible	Cultural chemical	-	Local	Almost all the farming families has sufficient knowledge
Kandiakh	<i>Cirsium arvense</i>	Kanderi	Wheat		All landscapes	Abundant	Abundant	nil	Cultural chemical	-	Local	Almost all the farming families has sufficient knowledge

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
Wheat soil	Field rats	<i>bandicoot</i>	Chua, Kees		All seasons		-	-	-
Soil	Termites	<i>Microtermes obesi</i>	Seenak		All seasons		-	-	-
Paddy	Rice Hispar	<i>Dicladispa armigera</i>	Neela Tittu	Appears in all varieties of rice	July-Sep	Clip the affected tips of leaves before transplanting	-	-	-
Soil	Cut worm		Lura	Soil	Kharif	IPM/Chemicals	-	-	-
Maize	Army worm	<i>Spodoptera frugiperda</i>	Kiri	Plants	Kharif	IPM/Chemicals	-	-	-
Vegetable oil seeds	Aphidis	<i>Aphididae</i>	Tola	Plants	Rabi	IPM/Chemicals	-	-	-

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

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

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	Domesstic Animals, Wild life such as Porcupine, Jackal Etc.	Public as well as Private and Govt. also	Nil	Plantation and Agriculture	Nil	Nil	Nil

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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, Torotise, Snakes & Snails	Cattle, Washing Clothes, Irrigation on Drinking etc.	Public					
Bowlis			Private Land		Frogs, Fishes, Torotise, 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					

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Drainkdu	<i>Murraya koenigii</i>		Sub Tropical Area	Seeds	Rare	Rare	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>		Lower Shiwalik	Seeds	Rare	Rare	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>		Lower Shiwalik	Seeds	Abundant	Abundant	Maintain Sugar Level in Human body	Leaves Fruits	NA	NA	Generally held by Community

Tree	Mango	<i>Mangifera indica</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Stem / Fuits	NA	NA	Generally held by Community
Tree	Arjun	<i>Terminalia arjuna</i>		Lower Shiwalik	Seeds	Rare	Rare	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>		Lower Shiwalik	Seeds	Abundant	Abundant	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
Tree	Krangal	<i>Cassia fistula</i>	Wild	Revenue/Private Land	Seeds	Abundant	Abundant	Antipiratic, antiinflammatory	Seeds	NA	NA	Generally held by Community
Tree	Rumble	<i>Ficus racemosa</i>		Lower Shiwalik	Seeds	Abundant	Abundant		Leaves	NA	NA	Generally held by Community
Tree	Sree	<i>Albizzia lebbeck</i>		Lower Shiwalik	Seeds	Abundant	Abundant		Leaves & Stem	NA	NA	Generally held by Community
Tree	Tali	<i>Dalbergia sissoo</i>		Lower Shiwalik	Seeds	Abundant	Abundant		Stem	NA	NA	Generally held by Community
Tree	Bill Patre	<i>Aegle marmelos</i>		Lower Shiwalik	Seeds	Abundant	Abundant		Root	NA	NA	Generally held by Community
Tree	Phulai	<i>Acacia modesta</i>		Lower Shiwalik	Seeds	Abundant	Abundant			NA	NA	Generally held by Community

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	Rosa Acicularis		Seed	Non Commercial	NA	NA	NA	NA
Tree	Peepal	Ficus Religiosa		Forest	Non Commercial	NA	NA	NA	NA
Tree	Silver Oak	<i>Grevillea robusta</i>		Nurseries	Non Commercial	NA	NA	NA	NA
Tree	Tali	<i>Dalbergia sissoo</i>		Forest	Non Commercial	NA	NA	NA	NA
Tree	Sagwan	<i>Tectona grandis</i>		Nurseries	Non Commercial	NA	NA	NA	NA
Bush	Bottle Brush	<i>Callistemmon spp.</i>		Forest/Nurseries	Non Commercial	NA	NA	NA	NA
Shrub	Sukh Chain	Pongamia Pinata		Forest/Nurseries	Non Commercial	NA	NA	NA	NA
Tree	Amb	Magnifera Indica		Forest	Non Commercial	NA	NA	NA	NA

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					
Timber	Mango	<i>Mangifera indica</i>	Lower Shivalik	Abundant	Abundant	Both	Own	NA	Nil	Generally held by Community
Timber	Safeda	<i>Eucalyptus spp.</i>	Lower Shivalik	Abundant	Rare	Wild	Commercial	Nil	Nil	Generally held by Community
Timber	Tali	<i>Dalbergia sissoo</i>	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally held by Community
Timber	Tuni	<i>Toona ciliata</i>	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally held by Community
Timber	Chir	<i>Pinus roxburghii</i>	Lower Shivalik	Rare	Abundant	Wild	Own	Nil	Nil	Generally held by Community
Tree	Jamun	<i>Syzygium cumini</i>	Lower Shivalik	Rare	Abundant	Wild	Own	Nil	Nil	Generally held by Community

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					
Cow	Gaay	<i>Bosindicus</i>	Local	-	Semiintensive	Large	Less	Milk	N/A	Yes	Ghee, curd, Butter, kaladi, cheese	-
Buffalo	Bhains	<i>Bubblous</i>	Local/Hybrid	-	Semiintensive	Large	Less	Milk	N/A	Yes	Ploughing, carting	-
		<i>Bubalis</i>										
Goat	Bakri	<i>Capra Hercus</i>	Local/Hybrid	-	Domesticated	Available	Available	Milk, Meat	N/A	Yes	Meat, Milk, Hide	-
Sheep	Bhed	<i>Ovisovis</i>	Local/Hybrid	-	Domesticated	Available	Available	Meat	N/A	Yes	Meat and wool	-
Dog	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	Pet/Domesticated	Rare	Abundant	Guarding	N/A	No	Guarding/security	-

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>										
	Mrigal	<i>Cirrhinus mrigla</i>										
	Catla	<i>Catla catla</i>										
	Common Carp	<i>Cyprinus carpio</i>										
	Grass Carp	<i>Ctenopharyngodon idella</i>										
	Silver CROP											

Other details may include mode of catching fish, time of availability, breeding time , feeds 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	Both	Timber / Fire Wood	nil	nil	Generally, held by community
Tree	Shisham	<i>Dalbergia sissoo</i>	Tree	Sub Tropical	Good	Moderate	Both	Timber / Fire Wood	nil	nil	Generally, held by community
Trees	Drankh	<i>Melia azedarach</i>	Tree	Sub Tropical	Abundant	Abundant	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Jaman	<i>Syzygium cumini</i>	Tree	Sub Tropical	Abundant	Abundant	own	Leaves/Fruit	maintains sugar level in human body	nil	Generally, held by community
Trees	Kamla	<i>Malotus philippensis</i>	Tree	Sub Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Khair	<i>Acacia catechu</i>	Tree	Sub Tropical	Abundant	Abundant	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Kringal	<i>Casia fistula</i>	Tree	Sub Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Trees	Mangoo	<i>Mangifera Indica</i>	Tree	Sub Tropical	Abundant	Abundant	own	Stem/Fruit	nil	nil	Generally, held by community
Trees	Rumbal	<i>Ficus racemosa</i>	Tree	Sub Tropical	Rare	Rare	commercial	Leaves	nil	nil	Generally, held by community
Trees	Talli	<i>Dalbergia sissoo</i>	Tree	Sub Tropical	Abundant	Abundant	own	Stem	nil	nil	Generally, held by community
Shurbs	Garna	<i>Carissa opaca</i>	Tree	Sub Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Chir	<i>Pinus Roxburghii</i>	Tree	Sub Tropical	Abundant	Abundant	own	Riewood	nil	nil	Generally, held by community

Trees	Simbal	<i>Bombax ceiba</i>	Tree	Sub Tropical	Abundant	Abundant	own	Riewood	nil	nil	Generally, held by community
Trees	Badh	<i>Ficus Benghalensis</i>	Tree	Sub Tropical	Abundant	Abundant	own	Riewood	nil	nil	Generally, held by community
Trees	Sari	<i>Albizia julibrissin</i>	Tree	Sub Tropical	Abundant	Abundant	own	Riewood	nil	nil	Generally, held by community
Trees	Bair	<i>Zizyphus jujuba</i>	Tree	Sub Tropical	Abundant	Abundant	own	Riewood	nil	nil	Generally, held by community

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	Amla	<i>Phyllanthus emblica</i>		economic/cultural	Abundant
2	Bair	<i>Ziziphus xylocarpa</i>		economic/cultural	Rare
3	Bheda	<i>Terminalia bellerica</i>		economic	Rare
4	Bill Patre	<i>Aegle marmelos</i>		economic	Rare
5	Drankh	Melia azedarach		economic	Abundant
6	Harad	<i>Terminalia chebula</i>		economic/cultural	Abundant
7	Jaman	<i>Syzygium cumini</i>		economic/cultural	Abundant
8	Kakad-Singhi	<i>Pistacia khinjuk</i>		economic	Abundant
9	Karal	<i>Bauhinia variegata</i>		economic	Abundant
10	Khair	<i>Acacia catechu</i>		economic	Abundant
11	Kringal	<i>Casia fistula</i>		social	Abundant
12	Lusada	<i>Cordia dichotoma</i>		economic	Rare
13	Mangoo	<i>Mangifera Indica</i>		economic/cultural	Abundant

14	Retha	<i>Sapindus Mukorossii</i>		economic	Rare
15	Rumbal	<i>Ficus racemosa</i>		economic	Rare
16	Sree	<i>Albizzia lebbeck</i>		economic	Abundant
17	Talli	<i>Dalbergia sissoo</i>		economic	Abundant
18	Trimbal	<i>Ficus auriculata</i>		economic	Abundant
19	Trimuru	<i>Zantho Xylum Aurmatum</i>		economic	Rare
20	Tuni	<i>Toona ciliata</i>		economic	Rare
21	Jatrofa	<i>Jatropha curcas</i>		economic	Abundant
22	Anardana	<i>Punica granatum</i>		economic	Abundant
23	brankad	<i>Adha toda vesica</i>		economic	Rare
24	Drainkdu	<i>Murraya koenigii</i>		economic	Abundant
25	Dussa	<i>Colebrookia oppositifolia</i>		economic	Abundant
26	Dudlu	<i>Taraxacum officinale</i>		economic	Abundant
27	Bana	<i>Vetex nigundo</i>		economic	Abundant
28	Kau	<i>Olea cuspidata</i>		economic	Rare
29	Akk Datura	<i>Calotropis Procera</i>		Cultural	Abundant

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>		Wild	Available	Available					Generally held by community
Kringal	<i>Casia fistula</i>		Wild	Available	Available					Generally held by community
Simbal	<i>Bombax ceiba</i>		Wild	Available	Available					Generally held by community
Drenkeri	<i>Murraya koenigii</i>		Wild	Available	Available					Generally held by community
Jaman	<i>Syzygium cumini</i>		Wild	Available	Available					Generally held by community
Amla	<i>Emblca officianalis</i>		Wild	Available	Available					Generally held by community
Bill Patre	<i>Aegle marmelos</i>		Wild	Available	Available					Generally held by community
Arjun	<i>Terminalia arjuna</i>		Wild	Available	Available					Generally held by community
Toot	<i>Morus alba</i>		Wild	Available	Available					Generally held by community
Phulai	<i>Acacia modesta</i>		Wild	Available	Available					Generally held by community

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
Silver Oak	<i>Grevillea robusta</i>	Tree	Northern Sub-Tropical	Nil	-	Nil	Nil
Sagwan	<i>Tectona grandis</i>	Tree	Northern Sub-Tropical	Nil	-	Nil	Nil
Bottle Brush	<i>Callistemon spp.</i>	Local	Northern Sub-Tropical	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	Own use	Timber / Fire Wood		Generally held by community
Safeda	<i>Eucalyptus spp.</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Khair	<i>Acacia catechu</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Phulai or Fly	<i>Acacia modesta</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Bel	<i>Angle mermelos</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Kala Siris	<i>Albizia lebbeck</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Safed siris	<i>Albizzia procera</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Garna	<i>Carissa spinarum</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Toot	<i>Morus alba</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Simble	<i>Bombax ceiba</i>	Sub-Tropical	Good	Moderate	Commercial	Timber / Fire Wood		Generally held by community
Pipal	<i>Ficus benghalensis</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Brenkar	<i>Justicia adhatoda</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community

Kamila	<i>Mallotus philippensis</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Aam	<i>Mangifera indica</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Drehnk	<i>Melia azedarach</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Khajoor	<i>Phoenix sylvestris</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Amla	<i>Phyllanthus emblica</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Chir	<i>Pinus roxburghii</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Jamun	<i>Syzygium cumini</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Arjun	<i>Terminalia arjuna</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Baans	<i>Dendrocalamus strictus</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Krangal	<i>Cassia fistula</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Tali	<i>Dalbergia sissoo</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		Generally held by community
Rumble	<i>Ficus racemosa</i>	Sub-Tropical	Good	Moderate	Own use	Timber / Fire Wood		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>	North. Sub-Tropical	Nil	Nil	Good	Good					
Wild Animals	Snakes	<i>Serpentes</i>	Forest area			Good	Good					

Format 29: Flora				URBAN BIODIVERSITY		
1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Sree	<i>Albizia lebbek</i>	Broad Leave	Sub-Tropical	FL Summer	Common
2	Mango	<i>Mangifera indica</i>	Broad Leave	Sub-Tropical	FL Summer	Common
3	Jamun	<i>Syzzium cumini</i>	Broad Leave	Sub-Tropical	FL Summer	Common
4	Safeda	<i>Eucalyptus globulus</i>	Broad Leave	Sub-Tropical	FL Summer	Common
5	Tali	<i>Dalbergia sissoo</i>	Broad Leave	Sub-Tropical		Common
6	Silver Oak	<i>Grevillea robusta</i>	Ornamental	Terrestrial	Yellow flower n May-June	Common
7	Bottle Brush	<i>Callistemmon spp.</i>	Bushes/Shrubs	Terrestrial		Common
8	Bogan Bael	<i>B.Sp & hybrids</i>	Bushes/Shrubs	Terrestrial	Multicoloured flower	Common

9	Gutta	<i>Tagetes Patula</i>	Herbs seasonal	Terrestrial	Grows round year	Common
10	Gulab	<i>Rosa spp</i>	Herbs seasonal	Terrestrial	Perennial flower	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 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.)
1	Cow		Mammals	Terrestrial	Common
2	Buffalow		Mammals	Terrestrial	Common
3	Sheep		Mammals	Terrestrial	Common
4	Goat		Mammals	Terrestrial	Common
5	Sparow		Birds	Terrestrial	Common
6	Crow		Birds	Terrestrial	Common
7	Parrot		Birds	Terrestrial	Common
8	Peacock		Birds	Terrestrial	Rare
9	Ant		insects	Terrestrial	Common
10	Bee		insects	Terrestrial	Common
11	Butterfly		insects	Terrestrial	Common
12	Mosquito		insects	Terrestrial	Common
13	Cater pillar		Aquatic Animals	Terrestrial	Common
14	Fish		Aquatic Animals	Aquatic	Common
15	Frog		Aquatic Animals	Aquatic	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