

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Jandrari

Taluk: Ramnagar

District: Udhampur

State: J&K UT

Geographical Area of the Panchayat Samiti: 606 Hac.

Population under the Panchayat Samiti: Total 1560

Male: 837

Female: 723

Habitat and Topography: Hilly

Climate (Rainfall, Temperature and weather patterns) Intermediate zone

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 05-11-2019

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

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. Papu Ram S/o Sewa Ram**Age:** 33 yrs**Gender:** Male**Address:** Jandrari**Area of specialization:****2) Name:** Sh. Kuldeep Sharma S/o Jyoti Parkash**Age:** 44 yrs**Gender:** Male**Address:** Jandrari**Area of specialization:****3)Name:** Smt Rekha Devi W/o Sudesh Kumar**Age:** 31 yrs**Gender:** Female**Address:** Jandrari**Area of specialization:****4)Name:** Smt Geeta Devi W/o Raj Kumar**Age:** 28 yrs**Gender:** Female**Address:** Jandrari**Area of specialization:****5)Name:** Sh Munshi Ram S/o Galobu Ram**Age:** 70 yrs**Gender:** Male**Address:** Jandrari**Area of specialization:****6)Name:** Sh Dharam Chand S/o Krishnoo**Age:** 68 yrs**Gender:** Male**Address:** Jandrari**Area of specialization:****7)Name:** Sh Shanker Dass S/o Hari Ram**Age:** 67 yrs**Gender:** Male**Address:** Jandrari**Area of specialization:**

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources 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:

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:

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

1) Contact Person:

Name and Address: Beli Ram (FRA Chairman) R/o Jandrari (Ph no: 9419863479)

2) Contact Person:

Name and Address:

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

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>	Muck	Local & Improved	Hilly		Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kank	Local & Improved	Hilly		Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department

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
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
					Past	Present					
Guava	Ambrud	<i>Psidium guajava</i>	Improved/ Local	Hilly area	Plenty		deptt of Local	Summer		Own use	Own use
Mango	Aam	<i>Mangifera indica</i>	Improved/ Local	Hilly area	Sufficient		deptt of Local	Summer		Own use	Own use
Lime	Nimbu	<i>Citrus-aurantiifolia</i>	Improved/ Local	Hilly area	Rare		deptt of Local	Summer		Own use	Own use
Peach	Aru	<i>Prunns pessica</i>	Improved/ Local	Hilly area	Sufficient		Deptt and local	Summer		Own use	Own use
Shatoot	Toot	<i>Morus alba</i>	Local	Hilly area	Plenty		Deptt and local	Summer		Own use	Own use
Amla	Amla	<i>Embllica officinals</i>	Wild	Local	Plenty		Local	Summer		Own use	Own use

Orange	Santra	<i>Citrus sinensis</i>	Local	Hilly area	Rare	Deptt and local	Summer		Own use	Own use
Ber	ber	<i>Zizuphus zuzuba</i>	Local	Hilly area	Plenty	Local/wild	Summer		Own use	Own use
Banana	kela	<i>Musa paradisiaca</i>	Local	Hilly area	Rare	Deptt and local	Summer		Own use	Own use
Pear	Nakh	<i>Pyrus communis</i>	Local	Hilly area	Plenty	Local/grafting	Summer		Own use	Own use

Department/Local
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Department/Local
Department/Local

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 spp.</i>	Cherri	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
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	Abundant	Abundant	Farmers / Department	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					
Putna Jadi	<i>Mentha spp.</i>	Putna Jadi	All crops		Local	Plenty	Plenty	Nil	Earthing up	-		Farmers
Eder		Eder	Wheat		Local	Plenty	Plenty	Nil	Earthing up	-		Farmers
Dilla		Dilla	Wheat		Local	Plenty	Plenty	Nil	Earthing up	-		Farmers
Sod		Sod	Maize		Local	Plenty	Plenty	Nil	Earthing up			Farmers
Loldu		Loldu	Wheat		Local	Plenty	Plenty	Nil	Earthing up			Farmers
Papdu		Papdu	Wheat		Local	Plenty	Plenty	Nil	Earthing up			Farmers
Talpdi		Talpdi	Wheat		Local	Plenty	Plenty	Nil	Earthing up			Farmers

Laan		Laan	Wheat		Local	Plenty	Plenty	Nil	Earthing up			Farmers
Sridi		Sridi	Wheat		Local	Plenty	Plenty	Nil	Earthing up			Farmers

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	Field Rats	<i>Bandicota sp.</i> <i>Tatera sp.</i>	Chua, Kees,	All areas of earth	through out the year	Use indigenous Traps and prisions	Standing crop and harvested	Nil	Farmers
Wheat	Termites	<i>Microtermes obesi</i>	Seenak	lives in nest made underground	through out the year	Termites distroy an arround field	These are social insects That lives underground in colonies	The damage plant dry upcoming and are easily pulled out	Farmers
Maize	Stem borer	<i>Chilo partellus</i>	Lurhi	occur throughout panchayat	July onwards	use insecticide	Attack after germination of plant	medium size black labr moth black colour	Farmers
Maize		<i>Agrotis ipsilon</i>	Toka	occur throughout panchayat	July onwards	use insecticide	cut seedling at ground level	Black colour	Farmers

Paddy	Grasshopper	<i>Oryza Sativa</i>	Tidda	Polyphagus	June to nov	spray	feed on leaves	Aduls are like Locust	Farmers
Paddy	Rice Grasshopper		Neela	all variety	July to sept	affect tips of leaves			Farmers
Vegetable	Fruit fly	<i>Drosophila melanogaster</i>	Titali		After summer rain	spray	female fruit flies	Adult may be dull, yellowish, brownish yellow	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
NO ORGANISED MARKET								

Note: [1] (D) – day; (M) – month;

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

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											
Cultivated Land			Cultivated Land		Agri land privately owned	wild plants weeds	Insects	Nil	Ploughing, sowing, hoeing etc	Food/ fodder	Medicinal, Traditional religious		Self observed
Non- cultivated land			Non- cultivated land /Stateland			wild plants weeds	Insects			fodder	Medicinal, Traditional religious		Self observed
Grazing Land			State land/forest land	nil		wild plants weeds	Insects			fodder	Medicinal, Traditional religious		Self observed

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	-	small	Revenue forest	All crops including fruits & vegetables & flowers	Frogs, Snakes	Drinking	Farmer		Irrigation/ drinking			Local villages
Bowlis		small	Revenue forest	All crops including fruits & vegetables & flowers	Frogs, Snakes	Drinking	Farmer		Drinking			Local villages

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	Brown, yellow, Radish		sandy clay	Kharif crops like, Maize, Paddy, Rabi crops like wheat, mustard etc	fegada Dhaman Aru, Gazle lcomb, Farmer-: Billi, Dog, cow, sheep, goat, Horse, mule etc	Traditional/ Medicinal/Traditional	

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

Format 11: Fruit Trees											
1	2	3	4	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
					Past	Present					
Mango	Aam	<i>Mangifera indica</i>	Desi	Agri land	Available	Available	Seeds/Plants	March-july			Market own
Guava	Amrud	<i>Psidium guajava</i>	Desi	Agri land	Available	Available	Seeds/Plants	Aug-Dec			Market
Lemon	Nimbus	<i>Citrus aurantifolis</i>	Desi	Agri land	Available	Available	Seeds/Plants	Nov-Dec			Own use
Peach	aadu	<i>Prunus persica</i>	Desi	Agri land	Available	Available	Seeds/Plants	Jul-April			Own use
Apricot	sadi	<i>Prunus armeniaca</i>	Desi	Agri land	Available	Available	seeds	June			Own use

13
Community/ Know. Holder
Farmer
Farmer
Farmer
Farmer
Farmer

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	Bhang	<i>Cannabis sativa</i>	wild	Lowland valley	Naturally Grown	Available	Available	cure	Leaves		Own use	Self observed
Herbs	Pudina	<i>Mentha spicata</i>	Local	Lowland valley	Naturally Grown	Available	Available	Antiviral,antibect eria	Leaves		Own use	Self observed
Shurbs	Tulsi	<i>Osimum santum</i>	Local	Lowland valley	Cultivated	Available	Available	Kidney stones	Leaves		Own use	Self observed
Shurbs	Dhania	<i>Cariandrum sativum</i>	Local	Lowland valley	Cultivated	Available	Available	Digestion problems	Leaves		Own use	Self observed
Tree	Piyaz	<i>Allium sativm</i>	Local	Lowland valley	Cultivated	Available	Available	used for cold and cough	seeds roots		Own use/market	Self observed

Tree	Lathsuan	<i>Trigoneba foenum</i>	Local	Lowland valley	Cultivated	Available	Available	Combat sinus	roots		Own use/market	Self observed
Tree	Methi	<i>Tzanthouylum, armatua</i>	Local	Lowland valley	Cultivated	Available	Available	Balance cholestral	buds		Own use	Self observed
Shrub	Timbru	<i>Zanthoxylum armatum</i>	wild	forest	Naturally Grown	Available	Available	disinfection	branches		Own use	Self observed
Tree	Ami		wild	forest	Naturally Grown	Available	Available	For fever	Leaves		Own use	Self observed
Tree	Kaya Kashi		wild	forest	Naturally Grown	Available	Available	cough & cold	Leaves		Own use	Self observed
Tree	Tamni		wild	forest	Naturally Grown	Available	Available	use of bound	Leaves		Own use	Self observed
Tree	Shudii		wild	forest	Naturally Grown	Available	Available	to stop blood	Leaves		Own use	Self observed

Tree	Hurbel		wild	forest	Naturally Grown	Available	Available	skin problem	Leaves		Own use	Self observed
Tree	Barya		wild	Local pond	Naturally Grown	Available	Available	spine warms	Leaves		Own use	Self observed
Climber	Kuad Kandle		wild	forest	Naturally Grown	Available	Available	Medicinal	Leaves		Own use	Self observed
Shrub	Samali		wild	forest	Naturally Grown	Available	Available	Pain relief	Leaves		Own use	Self observed
Tree	Pansar		wild	forest	Naturally Grown	Available	Available	Pain relief in mouth	Leaves & stem		Own use	Self observed

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
shrub	Gulab	<i>Rosa indica</i>	Local	Nurseries	non-commercial	Ornamental	Used in Dysentery diarrhoea	Pink flower	Floriculture/Nurseries
Bush	Gutti	<i>Tagetes spp.</i>	Local	seed	non-commercial	Ornamental	Used in Dysentery diarrhoea	Nil	Floriculture/Nurseries
Bushes	Bottle brush	<i>Callistemon spp.</i>		Nurseries	non-commercial	Ornamental	Used in Dysentery diarrhoea		Floriculture/Nurseries

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	Kikar	<i>Acacia nilotica</i>	Local	Available	Available	wild	furniture			Self observed
Timber	Safeda	<i>Eucalyptus spp.</i>	Local	Available	Available	wild	furniture	Nil	Nil	Self observed
Timber	Tali	<i>Dalbergia sissoo</i>	Local	Available	Available	wild	furniture	Nil	Nil	Self observed
Timber	Tuni	<i>Toona ciliata</i>	Local	Available	Available	wild	furniture	Nil	Nil	Self observed
Timber	Chir	<i>Pinus roxburghii</i>	Local	Available	Available	wild	Own	Nil	Nil	Self observed
Tree	Simbal	<i>Bombyx ceiba</i>	Local	Available	Available	wild	Construction			Self observed
Tree	Kainth	<i>Ayrus pasdia</i>	Local	Available	Available	wild	fire wood			Self observed
Tree	Kikar	<i>Acacia nilotica</i>	Local	Available	Available	wild	fodder			Self observed
Tree	Safeda	<i>Eucalyptus globulus</i>	Local	Available	Available	wild	fire wood			Self observed
Tree	Krangal	<i>Cassia fistula</i>	Local	Available	Available	wild	fire wood			Self observed

Tree	Kharak	<i>Celtis australis</i>	Local	Available	Available	wild	fire wood			Self observed
Tree	Draink	<i>Melia azedarach</i>	Local	Available	Available	wild	fire wood			Self observed
Tree	Kamila	<i>Mallotus philippensis</i>	Local	Available	Available	wild	fire wood			Self observed
Tree	Ola		Local	Available	Available	wild	fire wood			Self observed
Tree	Cheundi		Local	Available	Available	wild	fire wood			Self observed
Tree	Banj		Local	Available	Available	wild	fire wood			Self observed

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>Bos indicus</i>	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Nil	Ghee, curd, Butter, kaladi, cheese	self observed
Buffalo	Bhains	<i>Bubblous Bubalis</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Milk	Ploughing	No	Ploughing, carting	self observed
Dog	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	Pet/Domesticated	Available	Available	Guarding	-	No	Guarding/security	self observed
Cat	Billi	<i>Felis Catus</i>	Local	-	Domesticated	Available	Available	Pest Control	-	No	-	self observed
Horse	Ghorda	<i>Equscabalus</i>	Local/Hybrid	-	Domesticated	Available	Available	Drought	-	-	Drought, racing	self observed
Pig	Suar	<i>Subscrofa spp.</i>	Local	-	free roaming	Available	Available	Meat	-	-	Meat	self observed
Mule	Khachar	<i>Equus asinus</i> × <i>Equus caballus</i>	Local	-	Domesticated	Available	Available	Drought	-	-	drought	self observed
Donkey	Gadda	<i>Equus asinus</i>	Local	-	Domesticated, free roaming	Available	Available	Drought	-	-	loading drought	self observed
Poultry	Kukad	<i>Galus domesticus</i>	Local	meat	Domesticated	Abundant	Decreased	meat	meat	No	Meat	self observed
Ox	Bael	<i>Bos taurus</i>	Local	Plouging catraige	Domesticated, free roaming	Available	Available	Plouing, catraige		No		self observed

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/T alao)	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

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	Amla	<i>Phyllanthus emblica</i>	tree	All panchayat	Rare/Plenty	Rare/Plenty	commercial/own	fruit	Medicine	achar	Generally hold by community
Tree	Ber	<i>Ziziphus jujuba</i>	tree	All panchayat	Plenty	Plenty	own	Leaves/fruit	nil	nil	Generally hold by community
Tree	Behra	<i>Terminalia bellirica</i>	Tree	All panchayat	Rare	Rare	own	Fruits/Wood	medicine	nil	Generally hold by community
Tree	Dhaman	<i>Grewia optiva</i>	Tree	All panchayat	Plenty	Plenty	own	Leaves	nil	nil	Generally hold by community
Tree	Harad	<i>Terminalia chebula</i>	Tree	All panchayat	Plenty	Plenty	own	Fruits/Wood	Medicinal Plant	achar	Generally hold by community
Tree	Kainth	<i>Pyrus pasehia</i>	Tree	All panchayat	Plenty	Plenty	own	fruit	nil	nil	Generally hold by community
Tree	Kamila	<i>Molotus philippenrio</i>	Tree	All panchayat	Plenty	Plenty	own	fruit	nil	nil	Generally hold by community
Tree	Jamun	<i>Syzygium cumini</i>	tree	All panchayat	Plenty	Plenty	own	fruit	nil	nil	Generally hold by community
Tree	Koral	<i>Bauhimia variejata</i>	tree	All panchayat	Plenty	Plenty	own	Leaves	nil	nil	Generally hold by community
Tree	Khadak	<i>Leltis tetradra</i>									Generally hold by community

Tree	Kher	<i>Acacia catechu</i>	tree	All panchayat	Plenty	Plenty	own	wood/leaves	nil	nil	Generally hold by community
Tree	Safeda	<i>Eucalyptus spp.</i>	tree	All panchayat	Rare	Rare	own	wood/leaves	nil	nil	Generally hold by community
Tree	Kringal	<i>Cassia fistula</i>	Tree	All panchayat	Plenty	Plenty	own	Leaves and Wood			Generally hold by community
Tree	Santha	<i>Dodonea viscora</i>		All panchayat	Plenty	Plenty	own	wood			Generally hold by community
Tree	Kimb	<i>Citrus karna</i>		All panchayat	Rare	Rare	own	fruit			Generally hold by community
Tree	Flai	<i>Acacia nilotica</i>	Tree	All panchayat	Available	Available	own	Leaves and Wood	used against Tooth decay		Generally hold by community
Shrub	Branked	<i>Adhatode verica</i>	shrub	All panchayat	Plenty	Plenty	own	nil			Generally hold by community
Shrub	Bana	<i>Vitex nogundo</i>	shrub	All panchayat	Plenty	Plenty	own	nil			Generally hold by community
Tree	Simbal	<i>Bombax ceiba</i>	Tree	All panchayat	Plenty	Plenty	own	nil	Wood		Generally hold by community
shrub	Garna	<i>Corirsa opaea</i>	shrub	All panchayat	Plenty	Plenty	own	nil			Generally hold by community
shrub	Pudina	<i>Mentha spicatla</i>	shrub	All panchayat	Plenty	Plenty	own	nil			Generally hold by community
Grass	Baru Grass	<i>Spontaneous cynolon</i>	wild	Forest	Plenty	Plenty	own	nil			Generally hold by community
Grass	Khabal kha	<i>Cynodon dactylon</i>	wild	Forest	Plenty	Plenty	own	nil			Generally hold by community
Grass	Lamb kha	<i>Heteropogon contortus</i>	wild	Forest	Plenty	Plenty	own	nil			Generally hold by community

Herb	Brumi	Centella asiatica	wild	Forest	Plenty	Plenty	own	above earth			Generally hold by community
Tree	Pansar		wild	Forest	Sufficient	Sufficient	own	nil	chewing for pain in mouth		Generally hold by community
Shrub	Gandera	<i>Thevetia peruviana</i>	wild	Forest	Sufficient	Sufficient	own	nil	pain relief		Generally hold by community
Shrub	Sense maya		wild	Forest	Rare	Rare	own	nil	unknown		Generally hold by community

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				
Mendak	<i>Rana tigrina</i>	wild	greyesh	Moist area	More	More				Self observed
Jook	<i>Hirudinea spp.</i>	wild	Parasite	Moist area	More	More				Self observed
Sarkeed	<i>Brachynra and Kraits</i>	wild	Thick	River pond	More	More				Self observed
Snake	<i>Serpentes spp.</i>	wild	Small	Rivers	More	More				Self observed

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					
Shrubs	Bhang	<i>Canabis sativa</i>	Wild	Forest	Available	Available	Medicinal	dysentary	Leaves	own use	Self observed
Shrub	Gandera	<i>Thevetia peruviana</i>	wild	Forest	Available	Available	Medicinal	for skin	Leaves	own use	Self observed
Shrub	Bana	<i>Vitex nogundo</i>	wild	Forest	Available	Available	Medicinal	for ear pains	Leaves	own use	Self observed
Shrub	Branked	<i>Adhatode verica</i>	wild	Forest	Available	Available	Medicinal	gastric problem	Leaves	own use	Self observed
Tree	Santha	<i>Dodonea viscora</i>	wild	Forest	Available	Available	Medicinal	for teeth	Leaves	own use	Self observed
Herb	Brumi	<i>Centella asiatica</i>	wild	Forest	Available	Available	Medicinal	for head ache	Leaves	own use	Self observed

shrubs	Aakh	<i>Ipomoea carnea</i>	wild	Forest	Available	Available	Medicinal	for teeth	Nil	own use	Self observed
Shrubs	Timuru	<i>Zanthoxyllem-aurmatum</i>	wild	Forest	Available	Available	Medicinal	for teeth	stem	own use	Self observed
Shrubs	Durni		wild	Forest	Available	Available	Medicinal		fruit	own use	Self observed
Shrubs	Somali		wild	Forest	Available	Available	Medicinal	pain relief	leaves	own use	Self observed
Shrubs	Kamble	<i>Berberis aristata</i>	wild	Forest	Available	Available	Medicinal/ Rasount		roots	own use	Self observed

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					
Ammi	<i>Onalis coroiculate</i>		Landscape	Available		agent	Leaves			Self observed
Jungli pudina	<i>Mentha arvensis</i>	Pudina	Moist area	Available						Self observed

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
Bottle brush	<i>Collistemmon spp</i>	Shurb	Nurseries	Non commercials	Nil	Nil	Self observed
Gulab	<i>Rosa spp.</i>	Shurb	Home gardens	Non commercials			Self observed
Gutti	<i>Tegeats spp.</i>	Local	Homes garden	Non-commercial use	Temple	Temple	Self observed

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					
Shrubs	Timuru	<i>Zanthoxyllem-aurmatum</i>	Local	forest	Available	Available		Leaves	nil	nil	Self observed
Herb	Pudina	<i>Mentha spicota</i>	Local	near stream	Available	Available	antiseptic	fruit			Self observed
Herb	Dhania	<i>Coriandarum sactiva</i>	Local	Agri.land	Available	Available	Problems	seeds			Self observed
Herb	Methi	<i>Foeruns graccun</i>	Local	Agri.land	Available	Available	cholerstral	seeds			Self observed
Plant	Pansara		wild	forest	Available	Available	,	leaves			Self observed

Shrubs	Kathi		wild	forest	Available	Available		stem			Self observed
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Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

1	2	3	4	5	6	7		8	9	10	11
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
						Past	Present				
Mammal	Bandar	<i>Macaca mulatta</i>	Forest	Colour brown shooter	All season	Less	Plenty	nil	nil	nil	
Mammal	Gad	<i>Yuapes bengalem</i>	Forest	Colour brown shooter	All season	Less	Plenty	nil	nil	nil	
Mammal	chitra	<i>Panthera pardus</i>	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Mammal	Khad kanu	<i>Lepus nigricolles</i>	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Mammal	Sau	<i>Hystix indica</i>	Forest	medium size	All season	Less	Plenty	nil	nil	nil	
Mammal	chua	<i>Rattus rattus</i>	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Reptiles	snake	<i>Indian cobra</i>	Forest	small size	All season	Less	Plenty	nil	nil	nil	

Reptiles	Kerti		Forest	small size	All season	Less	Plenty	nil	nil	nil	
Reptiles	Koh		Forest	small size	All season	Less	Plenty	nil	nil	nil	
Reptiles	Dhaleab	Colotes spp	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Gatori	Acridother	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	kaur	coruurba chyu	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Jungli hurge		Forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Gatarm		Kacha house	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Kugee		forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Ullu		forest	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Paji		forest	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Kula kutir		forest	small size	All season	Less	Plenty	nil	nil	nil	

Insect	Bichu		forest	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Qriede		Agri.Land	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Kantaji		Homes	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Ant/purli		Homes	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Kathi keda		Homes	small size	All season	Less	Plenty	nil	nil	nil	

Locals
Locals
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Locals
Locals

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	Mar-Apr	Common
2	Mango	<i>Mangifera indica</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
3	Fagada	<i>Ficus palmata</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
4	Aru	<i>Prunus persica</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
5	Flai	<i>Acacia nilotica</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
6	Jamun	<i>Syzygium cumin</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
7	Drink	<i>Melia azedarach</i>	Broad Leave	Sub-Tropical	Nov-Dec	Common
8	Papita	<i>Carica papaya</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common

9	Simbal	<i>Bombyx ceiba</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
10	Bael	<i>Aegel marmelos</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
11	Safeda	<i>Eucalyptus globulus</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
12	Bana	<i>Vitex negundu</i>	Broad Leave	Sub-Tropical	Feb-Mar	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	Leopard	<i>Panthera pardus</i>	Mammals	Terrestrial	Common
2	Fish	<i>Labeo rohita</i>	Amphibia	Aquatic	Common
3	Frog	<i>Anura spp.</i>	Amphibia	Aquatic	Common
4	Billi	<i>Felis Bengalensis</i>	Mammals	Terrestrial	Common
5	Ged	<i>Canis aureus</i>	Mammals	Terrestrial	Common
6	Ged	<i>Vulpes bengalensis</i>	Mammals	Terrestrial	Common
7	Bandar	<i>Innuus rhesus</i>	Mammals	Arboreal/ Lives near habitation	Common
8	Khadkanu	<i>Lepus nigricollis</i>	Mammals	Terrestrial/ tropical	Common
9	Newla	<i>Herpestes edwarsi</i>	Mammals	Terrestrial, tropical and temperate	Common
10	Sace	<i>Hystrix indica</i>	Mammals	Grassland and mountain	Common
11	Chua	<i>Rattus rattus</i>	Mammals	Temperate, Terrestrial and tropical	Common
12	Chamgadad	<i>Chiroptera</i>	Mammals	Temperate, Terrestrial and tropical	Common
13	Cow	<i>Bos taurus</i>	Mammals	Domestic	Common
14	Buffalo	<i>Babalus bubalis</i>	Mammals	Domestic	Common
15	Goat	<i>Capra aegagrus</i>	Mammals	Domestic	Common

16	Sheep	<i>Ovis aries</i>	Mammals	Domestic	Common
17	Domestic Fowl	<i>Gallus gallus</i>	Mammals	Domestic	Common
18	Horse	<i>Equus caballus</i>	Mammals	Domestic	Common
19	Mule	<i>Equus asinus</i>	Mammals	Domestic	Common
20	Dog	<i>Canis lupus familiaris</i>	Mammals	Domestic	Common
21	Chakoor	<i>Alectoris chukar</i>	Birds	Domestic	Common
22	Kerli	<i>Hemidatylus frenatus</i>	Reptiles	Wild	Common
23	Khoo	<i>Varauns bangalensis</i>	Reptiles	Wild	Common
24	Dhaleda	<i>Chamaeleo zeylanicus</i>	Reptiles	Wild	Common
25	Chiri	<i>Passer domesticus</i>	Birds	Temperate/Terrestrial	Common
26	Kaa	<i>Corvus brachyrhynchos</i>	Birds	Temperate/Terrestrial	Common
27	Totaa	<i>Psittacula krameri</i>	Birds	Terrestrial/Freshwater	Common
28	Ell	<i>Gyps bengalensis</i>	Birds	Temperate/Terrestrial	Common
29	Lundhi	<i>Haliaeetus leucocephalus</i>	Birds	Temperate	Common
30	Kabutar	<i>Columba livia</i>	Birds	Arboreal	Common
31	Mor	<i>Pavo cristatus</i>	Birds	Terrestrial, tropical and temperate	Common
32	Gatari	<i>Acridotheres tristis</i>	Birds	Terrestrial, tropical and temperate	Common
33	Bulbul	<i>Pycnonotus leucogenys</i>	Birds	Arboreal	Common
34	Tarkhan	<i>Melanerpes formicivorus</i>	Birds	Arboreal	Common
35	Kala Titar	<i>Melanoperdix niger</i>	Birds	Wild	Common

36	Babbler	<i>Turdoides striata</i>	Birds	Wild	Common
37	Barn swallow	<i>Hirundo rustica</i>	Birds	Terrestrial, tropical and temperate	Common
38	Pinja	<i>Terpsiphone Paradisi</i>	Birds	Wild	Common
39	Jook	<i>Hirudinea spp.</i>	Amphibia	Wild	Common
40	Sarkeed	<i>Brachyura spp.</i>	Amphibia	Aquatic	Common
41	Songla	<i>Periplaneta americana</i>	Insects	Near Habitation	Common
42	Passfail	<i>Coccinella septumpunctata</i>	Insects	Terrestrial/Temperate	Common
43	Trida	<i>Orthoptera caelifera</i>	Insects	Wild	Common
44	Timba	<i>Anisoptera spp.</i>	Insects	Wild	Common
45	Blister beetle	<i>Mylabris pustulata</i>	Insects	Wild	Common
46	Gilhari	<i>Funabulus Palmarum</i>	Rodent	Wild	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