

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:** Katwalt

**Taluk:** Ramnagar

**District:** Udhampur

**State:** J&K UT

**Geographical Area of the Panchayat Samiti:** 1186 Hac.

**Population under the Panchayat Samiti:** Total 2309

**Male:** 1196

**Female:** 1113

**Habitat and Topography:** Hilly Area

**Climate (Rainfall, Temperature and weather patterns)** Intermediate zone

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

**Date, Month and Year of PBR Preparation:** 27-10-2019

**Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/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:** Ramesh Chander S/o Nasib Singh

**Age:** 52 yrs

**Gender:** Male

**Address:** Katwalt

**Area of specialization:**

**2) Name:** Sudesh Kumar S/o Ram Chand

**Age:** 49 yrs

**Gender:** Male

**Address:** Bhatyari

**Area of specialization:**

**3)Name:** Kanta Devi W/o Vijay Kumar

**Age:** 48 yrs

**Gender:** Female

**Address:** Katwalt

**Area of specialization:**

**4)Name:** Rekha Devi W/o Joginder Kumar

**Age:** 30 yrs

**Gender:** Female

**Address:** Katwalt

**Area of specialization:**

**5)Name:** Girdhari Lal S/o Teju

**Age:** 45 yrs

**Gender:** Male

**Address:** Katwalt

**Area of specialization:**

**6)Name:** Joginder Kumar S/o Dev Raj

**Age:** 40 yrs

**Gender:** Male

**Address:** Katwalt

**Area of specialization:**

**7)Name:** Chain Singh S/o Suram Singh

**Age:** 40 yrs

**Gender:** Male

**Address:** Katwalt

**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:** Vijay Kumar S/o Ram Chand

**Age:** 57 yrs

**Gender:** Male

**Address:** Katwalt

**Area of specialization:**

**Location from which the person accesses biological material:**

**Perception of the practitioner on the resource status:**

**Medicinal Use:**

**2) Name:** Pras Ram S/o Allu Ram

**Age:** 67 yrs

**Gender:** Male

**Address:** Katwalt

**Area of specialization:**

**Location from which the person accesses biological material:**

**Perception of the practitioner on the resource status:**

**Medicinal Use:**

**3)Name:** Mouri Devi W/o Munshi Ram

**Age:** 70 yrs

**Gender:** Female

**Address:** Katwalt

**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: Nasib Singh (Lambardar) Ph: 9797628316

Age:

Gender:

Address:

Area of specialization: Local plants and wild animals

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:** Nasib singh ( Naib sarpanch)

**Name and Address:** R/o Katwalt ( Ph: 9797628316)

**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**

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

*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	Improved Varieties only	Hilly		Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food Fodder	Provides more energy	-	Farmers / Department	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kank	Improved Varieties only	Hilly		Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	Food Fodder	Provides more energy	-	Farmers / Department	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	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						
Peach	<i>Prunis persica</i>	Aado	Improved/ local	Hilly	Sufficient		Deptment Local	Summer		Income source	Market own	Department local
Guava	<i>Psidium guajava</i>	Ambrud	Local	Hilly	plenty		Deptment Local	Summer		Income source	Market own	Department local
Lemon	<i>Citrus aurantifolia</i>	Nimbu	Local	Hilly	Rare		Deptment Local	Summer		Local	Own	Department local
Jamun	<i>Syzygium cumini</i>	Jamun	Local	Hilly	Rare		Local	Summer		Local	Own	Department local
Ber	<i>Zizyphus mauritiana</i>	Ber	Local	Hilly	Plenty		Local	Summer		Local	Own	Department local



Orange	<i>Citrus Sinensis</i>	santra	Improved/ local	Hilly	Rare	Local	Summer		Local	Own	Department local
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**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					
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

**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					
Sader		Sader	Maize		Hilly	Abundant	Abundant	nil	Earthing up	-	Agriculture	Farmers
Putna jadi		Putna jadi	All crop	-	Hilly	Abundant	Abundant	Fooder	Mechanical chemical	-	Agri. & waste	Farmers
Oven		Oven	-	-	Hilly	Abundant	Abundant	Fooder	Mechanical chemical	-	Agri. & waste	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 crop in store	Nil	Farmers
Wheat	Termites	<i>Microtermes obesi</i>	Seenak	lives in nest made underground	through out the year	Termites distroy an around 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
Paddy	Grasshopper	<i>Oryza Sativa</i>	Tidda	Polyphagus	June to nov	spray	feed on leaves	Aduls are like Locust	Farmers

Paddy	Rice Grasshopper	<i>Dicledripa armyera</i>	Neela	all variety of rice	July to sept	affect tips of leaves			Farmers
Vegetable	Fruit fly	<i>Bactrocera cucurbitae</i>	Titali		After summer rain	spray insecticides			Farmers

**Format 6: Markets for Domesticated animals**

1	2	3	4	5	6	7	8	9
<b>Name of the market &amp; location</b>	<b>Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]</b>	<b>Types of animals bought and sold [2]</b>	<b>Types and Average Number of animals transacted in a day</b>	<b>Places from which animals are brought</b>	<b>Places to which the animals are sold / transported</b>	<b>Name and location of fish market</b>	<b>Types of fishes sold</b>	<b>Source of fish</b>
<b>NO ORGANISED MARKET</b>								

**Note: [1] (D) – day; (M) – month;**

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



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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



<b>Format 8: Landscape</b>													
<b>1</b>			<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Major Landscapes</b>			<b>Sub - Landscapes</b>	<b>Features and approx. area</b>	<b>Ownership</b>	<b>General Flora</b>	<b>General Fauna</b>	<b>User groups</b>	<b>Management Practices</b>	<b>General Uses</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community Accessed</b>
<b>Agricultural Land</b>	<b>Pond</b>	<b>Fallow Land</b>											
Cultivated Land			Cultivated Land	nil	Agri land are owned	wild plants weeds		Nil	Ploughing	Food/ fodder	Medicinal, Traditional religious		Self observed
Non- cultivated land			Non-cultivated land /Stateland	nil		wild plants weeds			Ploughing	fodder	Medicinal, Traditional religious		Self observed
Grazing Land			State land/forest land	nil		wild plants weeds, grasses			Ploughing	fodder/ Grazing	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

<b>Format 9: Waterscape</b>												
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Waterscape Element Type</b>	<b>Sub- Type</b>	<b>Features and Approx Area</b>	<b>Ownership</b>	<b>General Flora</b>	<b>General Fauna</b>	<b>Major Uses</b>	<b>User Groups</b>	<b>Management Practices</b>	<b>General Uses</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community Accessed</b>
Nalas		small stream	revenue/ forest	All crops including fruits& vegetables & flower	Frog, fishes water snakes	Farmers			Irrigation/ drinking			Local villages
Bowli			revenue/ forest	Drinking	Frog, sarkeed	Locals			Drinking			Local villages

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

<b>Format 10: Soil type</b>							
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>Soil Type</b>	<b>Color &amp; Texture</b>	<b>Features</b>	<b>Soil Management</b>	<b>Plants / Crop Suitable</b>	<b>Flora and Fauna</b>	<b>Associated TK</b>	<b>Other Information</b>
Sandy soil	Brown, reddish, yellow	well drained	sandy clay	Kharif crops like, Maize, Paddy, Rabi crops like wheat, mustard etc	fegada Dhaman Aru, Gargle, Kimb, Fauna-: Billi, Dog, cow, sheep, goat, Horse, mule etc		

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	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						
Lemon	nimbu	<i>Citrus aurantifolie</i>	improved	Agri land	Rare	Medium	Seeds/Plant	July/Aug			Own use	Farmer
Peach	adu	<i>Prunus persica</i>	agri land	Agri land	Rare	Medium	Seeds/Plant	August			Own use	Farmer
Phagooara	Phagooara	<i>Ficus carica</i>	wild	Agri land	Less	Less	Plants	Summer			Own use	Farmer
Apricot	sadi	<i>Prunus armeniaca</i>	Local	Agri land	Less	Less						

**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	Agriculture land/forest	Naturally grown	Available	Available	cure fever	Leaves	NA	Own use	Self observed
Herbs	Pudina	<i>Mentha spicata</i>	Local	Agriculture land/forest	Naturally grown	Available	Available	antibacterial	Leaves	NA	Own use	Self observed
Herb	Dhania	<i>Coriandrum sativum</i>	Local	Agriculture land	cultivated	Available	Available	Dipression problems	Leaves	NA	Own use	Self observed
Herb	Pyaz	<i>Allium cepa</i>	Local	Agriculture land	cultivated	Available	Available	used for cold and cough	seeds/roots	NA	Own use/market	Self observed
Herb	Methi	<i>Trigonella foenum graecum</i>	Local	Agriculture land	cultivated	Available	Available	Balance cholestrol	seeds	NA	Own use	Self observed
Herb	Timbru	<i>Zanthoxylum, armaum</i>	wild	Forest	Naturally grown	Available	Available	disinfect	seeds/branches	NA	Own use	Self observed
Herb	Ami		wild	Forest	Naturally	Available	Available	for fever	Leaves	NA	Own use	Self observed
Herb	Koya kothi		wild	Forest	Naturally	Available	Available	Cough&cold	Leaves	NA	Own use	Self observed

Herb	Tamni		wild	Forest	Naturally	Available	Available	Use on bound to stop blood	Leaves	NA	Own use	Self observed
Herb	Shudri		wild	Forest	Naturally	Available	Available	skin problem (Dadri)	Leaves and Stem	NA	Own use	Self observed
Herb	Hurbal		wild	Forest	Naturally	Available	Available	skin problem (Dadri)	Leaves / Fruits	NA	Own use	Self observed
Herb	Barya		wild	Local ponds	Naturally	Available	Available	stonic worms		NA	Own use	Self observed



**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	Khadak	<i>Celtis retrandra</i>	Local	Available	Available	Wild	fruit+firewood	-	-	self observed
Timber	Tuni	<i>Toona ciliata</i>	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally held by Community
Tree	Kainth	<i>Pynus paschia</i>	Local	Available	Available	Wild	fruit+firewood	-	-	self observed
Tree	simbal	<i>Bombax cebia</i>	Local	Available	Available	Wild	firewood	Nil	Nil	self observed
Tree	Drank	<i>Melia azedavaca</i>	Local	Available	Available	Wild	fruit+firewood	-	-	self observed
Tree	Kakuya	<i>Flavouatia indica</i>	Local	Available	Available	Wild	fruit+firewood	-	-	self observed



**Format 15: Domesticated Animals**

1	2	3	4	5	6	7		8	9	10	11
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
						Past	Present				
Cattle	Gaay	<i>Bosindicus</i>	Local	Milk	Domesticated	Available	Available	Milk		Nil	Nil
Buffalo	Bhains	<i>Bubblous/ Bubalis</i>	Local	Milk	Domesticated	Available	Available	Milk		No	Nil
Ox	Bael	<i>Bos taurus</i>	Local	Ploughing	Domesticated	Available	Available	Ploughing		No	Nil
Dog	Kutta	<i>Cannis lupus</i>	Local	Pet	Domesticated	Available	Available	Guarding	-	No	Nil
Cat	Billi	<i>Felis Catus</i>	Local	Pet	Domesticated	Available	Available	Pest Control	-	No	Nil
Horse	Ghorda	<i>Equs cabalus</i>	Local	Carraige	Domesticated	Available	Available		-	-	Nil

Mule	Khachar	<i>Equus asinus</i> × <i>Equus caballus</i>	Local	Humpless	Semiintensive	Available	Available	carraige		No	Nil
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Self observed

<b>Format 16: Culture Fisheries</b>												
1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (Pond/Bheri/ Talao)	Local status		Uses	Associated TK	Commercial Rearing	Other details	Community Know. Holders
						Past	Present					

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



**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			
Tree	Dhaman	<i>Grewia optiva</i>	Tree	All panchayat	Plenty	Plenty	own	Leaves	nil	nil	Generally hold by community
Tree	Kainth	<i>Pyrus pasehia</i>	Tree	All panchayat	Plenty	Plenty	own	fruit	nil	nil	Generally hold by community
Tree	Khadak	<i>Leltis Tetradra</i>	tree								Generally hold by community
Tree	Kimb	<i>Citrus karna</i>	Tree	All panchayat	Rare	Rare	own	fruit			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 grass	<i>Cynodon dactylon</i>	wild	Forest	Plenty	Plenty	own	nil			Generally hold by community
Grass	Lamb kha		wild	Forest	Plenty	Plenty	own	nil			Generally hold 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	Tuni	<i>Toona ciliata</i>	wild	Economic	Available
2	Chir	<i>Pinus roxburghii</i>	wild	Economic	Available
3	Kail	<i>Pinus wallidriave</i>	wild	Economic	Available

**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



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**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>Cannabis sativa</i>	Wild	Forest	Available	Available	Medicinal	dysentary	Leaves	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
Shrub	Bana	<i>Vitex nogundo</i>	wild	Forest	Available	Available	for ear pain	Leaves	Leaves	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					
Jungli pudina	<i>Mentha arvensis</i>	Pudina	Moist area	Available						Self observed

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
Gulab	<i>Rosa indica</i>	Local	Homes	Non commercials			Community holder
Gutti		Local	Homes	Non commercials	Nil	Nil	Community holder

**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	antiseptic	Leaves	nil	nil	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
Herb	Pudina	<i>Mentha spicota</i>	Local	near stream	Available	Available	antiseptic	fruit			Self observed









**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>Serpentes spp.</i>	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Reptiles	Kerli		Forest	small size	All season	Less	Plenty	nil	nil	nil	

Reptiles	Koh		Forest	small size	All season	Less	Plenty	nil	nil	nil	
Reptiles	Dhaleab	<i>Colotes spp</i>	Forest	small size	All season	Less	Less	nil	nil	nil	
Bird	Gatori	<i>Acridother</i>	Forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	kaua		Forest	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Jungli murga		Forest	Hebitation	All season	Less	Less	nil	nil	nil	
Bird	Gataru		Kacha house	small size	All season	Less	Plenty	nil	nil	nil	
Bird	Kugee		forest	small size	All season	Less	Plenty	nil	nil	nil	
Insect	Paji		forest	small size	Summer	Less	Plenty	nil	nil	nil	
Insect	Kula kutir		forest	small size	Summer	Less	Plenty	nil	nil	nil	
Insect	Bichu		forest	small size	Summer	Less	Plenty	nil	nil	nil	
Insect	Qriede		Agri.Land	small size	Summer	Less	Plenty	nil	nil	nil	

Insect	Kantaji		Homes	small size	Summer	Less	Plenty	nil	nil	nil	
Insect	Ant/purli		Homes	small size	Summer	Less	Plenty	nil	nil	nil	







Comunnity seen

Comunnity seen

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>Syzigium cumini</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	Sae	<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 spp.</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>Varanus Bengalensis</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

<b>Format 31: Any other information of local importance</b>		
<b>1</b>	<b>2</b>	<b>3</b>
<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>

*End of Part II*