

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:** Rathian East

**Taluk:** Udhampur

**District:** Udhampur

**State:** J&K UT

**Geographical Area of the Panchayat Samiti:**

**Population under the Panchayat Samiti:** Total 1713

**Male:** 895

**Female:** 818

**Habitat and Topography:**

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

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

**Date, Month and Year of PBR Preparation:** 16-08-2021

**Management Regime:** Reserve Forest (RF)/Joint Forest Management(JFM)/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:** Deewan Singh S/o Late Ram ditta

**Age:** 59 years

**Gender:** Male

**Address:** Rathian - East

**Area of specialization:**

**2) Name:** Sunita Devi W/o Sat Paul

**Age:** 45 years

**Gender:** Female

**Address:**

**Area of specialization:**

**3)Name:** Rano Devi W/o Late Krishan Lal

**Age:** 60 years

**Gender:** Female

**Address:**

**Area of specialization:**

**4)Name:** Ramesh Kumar S/o Krishnu

**Age:** 55 years

**Gender:** Male

**Address:**

**Area of specialization:**

**5)Name:** Sampuran Singh S/o Lt. Dhani Ram

**Age:** 56 years

**Gender:** Male

**Address:**

**Area of specialization:**

**6)Name:** Anil Magotra

**Age:** 63 years

**Gender:** Male

**Address:**

**Area of specialization:**

**7)Name:** Sat Paul sharma S/o Des Raj

**Age:** 52 years

**Gender:** Male

**Address:**

**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:** Pritam Singh S/o Beli Ram

**Age:** 60 years

**Gender:** Male

**Address:** Dhuni

**Area of specialization:**

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

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

**Medicinal Use:**

**2) Name:** Chuni Lal S/o Dulla

**Age:** 75 years

**Gender:** Male

**Address:**

**Area of specialization:** Fanda

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

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

**Medicinal Use:**

**3) Name:** Mohd. Gani S/o Firozdan

**Age:** 55 years

**Gender:** Male

**Address:** Dhuni

**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: Anant Ram

Age: 70 years

Gender: Male

Address:

Area of specialization:

2) Name of the Chairperson: Nil

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson: Nil

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson: Nil

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:**

**Name and Address:**

**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	241.65	Plenty	Rare	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	Improved Varieties only	Hilly	25	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Pulses	<i>Vigna mungo</i>	Maa		-				-	July - Oct	Food	Proteins & energy	-	Local & Agri. Deptt.	
Pulses	<i>Vigna radiata</i>	Sali-mungi		-				-	June - Sept	Food & Fodder	Proteins & energy	-	Local & Agri. Deptt.	

Pulses	<i>Macrotyloma uniflorum</i>	Kulth		-				-	Kharif	Food & Fodder	Proteins & Stone medicines	-	Local & Agri. Deptt.	
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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	Scientific Name	Local name	Variety	Landscape / Habitat	Local Status		Source of Seeds/ Plants	Season of fruiting	Associated TK	Uses	Other Details	Community Knowledge Holder
					Past	Present						
Tree	<i>Morus serrata</i>	Sehtoot	Tree	Sub-tropical/Mostly found in villages	Available	Available	Leaves, Fruit		Commercial use	Leaves-Feeding the Silkworms, Fruits-Edible	Traditional Use	Self Observed
Tree	<i>Prunus persica</i>	Aru	Tree	Temperate/Scattered tree found in village area	Available	Available	Fruit, Gum		Commercial use	Edible and rich source of nutrients	Medicinal value	Self Observed
Tree	<i>Prunus subg.</i>	Allobukhara	Tree	Temperate/Scattered tree found in village area	Available	Available	Fruit		Commercial use	Edible and rich source of nutrients	Unknown	Self Observed
Tree	<i>Pyrus</i>	Nashpati	Tree	Temperate/Scattered tree found in village area	Available	Available	Fruit		Commercial use	Edible and rich source of nutrients	Unknown	Self Observed
Tree	<i>Citron</i>	Gargle	Tree	Sub-tropical	Available	Available	Fruit		Commercial use	Used for preparation of pickle	Cultural Use	Self Observed
Shrub/ Tree	<i>Punica granatus</i>	Dhruni	Shrub/Tree	Sub-tropical/ Temperate	Available	Available	Fruit		Commercial use	Medicinal value	Religious Value	Self Observed
Tree	<i>Mangifera indica</i>	Mango	Tree	Subtropical	Available	Available		May-June	Local	N/A	Fruits	N/A
Tree	<i>Citrus reticlata</i>	Orange	Sangtra	Sub-tropical	Available	Good	Grafted Plants		Good	March to Jan.	Record available in old books.	Table and processing.
Tree	<i>Litchi chinensis</i>	Litchi	Tree	Subtropical	Available	Available		Dec- Jan	Nursery	N/A	Fruits	N/A

**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
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic
						Past	Present				
Dub Grass	<i>Cynodon - dactylon</i>	Dub Grass	Rabi/ Kharif		Hilly	Abundant	Abundant	Fooder	Mechanical, Chemical	-	Agri. & wasteLand
Wild oats	<i>Avena fatua</i>	Jangli Javi	Oats		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand
Wild Rice	<i>Echinochloa colona</i>	Swanki	Paddy		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand

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

<b>12</b>
<b>Community / Knowledge Holder</b>
Farmers
Farmers
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
	Cut worm	<i>Agrotis ipsilon</i>	Ludi/ Toka	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Field rats	<i>Rattus meltda</i>	fpri-	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Porcupine	<i>erethizon dorsatum</i>	Say	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public

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
<b>Community &amp; Population</b>	<b>Families &amp; Major occupation</b>	<b>Sub- occupation</b>	<b>Depending Landscape</b>	<b>Major resources accessed and seasons of access</b>	<b>Landscape management practices</b>	<b>Resource management practices</b>	<b>Cast / tribe</b>	<b>Social condition</b>	<b>Nature of inhabitants</b>	<b>No. of HHs</b>
Gen - 1713	Agriculture	Labour								
SC - 472										
ST - 448										
OBC - 993										

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											
Plain					Public								
					Forest								
					State land								

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
<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>
Bowli - 03			Public			Drinking						

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



Format 11: Fruit Trees					DOMESTICATED BIODIVERSITY						
1	2	3	4	5	6		7	8	9	10	11
Plant type	Local Name	Scientific Name	Habit	Habitat	Local Status		Source of plant/seeds	Parts Collected	Associated TK	Other Details	Community Knowledge Holder
					Past	Present					
Tree	Sehtoot	<i>Morus serrata</i>	Tree	Sub-tropical/Mostly found in villages	Available	Available	Commercial use	Leaves, Fruit	Leaves-Feeding the Silkworms, Fruits-Edible	Traditional Use	Self Observed
Tree	Aru	<i>Prunus persica</i>	Tree	Temperate/Scattered tree found in village area	Available	Available	Commercial use	Fruit, Gum	Edible and rich source of nutrients	Medicinal value	Self Observed
Tree	Nashpati	<i>Pyrus</i>	Tree	Temperate/Scattered tree found in village area	Available	Available	Commercial use	Fruit	Edible and rich source of nutrients	Unknown	Self Observed
Tree	Gargle	<i>Citron</i>	Tree	Sub-tropical	Available	Available	Commercial use	Fruit	Used for preparation of pickle	Cultural Use	Self Observed
Shrub/Tree	Dhruni	<i>Punica granatus</i>	Shrub/Tree	Sub-tropical/ Temperate	Available	Available	Commercial use	Fruit	Medicinal value	Religious Value	Self Observed

**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
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	Lusada	<i>Cordia dichotoma</i>		Lower Shiwalik	Seeds	Rare	Rare	Nil	Leaves / Fruits	NA	NA	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					
Cattle	Gaay	<i>Bosindicus</i>	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Nil	Ghee, curd,Butter, kaladi,cheese	Farmer
	Jersey	<i>Bos Tarus</i>	Jersey Hybrid	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd,Butter, kaladi,cheese	Farmer
	HF	<i>Bos Tarus</i>	Hforos	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd,Butter, kaladi,cheese	Farmer
	Sahiwal	<i>Bosindicus</i>	Local	Humped		Less	Large	drought milk	Milk good for brain	No	Ghee, curd,Butter, kaladi,cheese	Farmer
Buffalo	Bhains	<i>Bubblous</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Milk	Ploughing	No	Ploughing, carting	Farmer
		<i>Bubalis</i>										
Buffox	Saand	<i>Bubblous</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Ploughing	Ploughing	No	Ploughing, carting	Farmer
		<i>Bubalis</i>										
Goat	Bakri	<i>Capra Hercus</i>	Local/Hybrid	-	Domesticated	Available	Available	Milk, Meat	-	Yes	Meat, Milk,Hide	Farmer, Bakerwal,shepherd
Sheep	Bhed	<i>Ovisovis</i>	Local/Hybrid	-	Domesticated	Available	Available	Meat	-	Yes	Meat and wool	Farmer, Bakerwal,shepherd
Dog	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	Pet/ Domesticated	Available	Available	Guarding	-	No	Guarding/security	Individual



Cat	Billi	<i>Felis Catus</i>	Local	-	Domesticated	Available	Available	Pest Control	-	No	-	-
Horse	Ghorda	<i>Equscabalus</i>	Local/Hybrid	-	Domesticated	Available	Available	Drought	-	-	Drought, racing	Individual horse owner

Uses include milk, meat, skin, fur and etc

**Format 16: Culture Fisheries**

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

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



**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	Parts Collected	Associated TK	Other Details	Community Knowledge Holder
					Past	Present					
Tree	Kainth	Pyrus pashia	Tree	Sub-tropical	Available	Available	Own use	Leaves, fruits	Leaves are used for staining purposes and fruits are edible	Traditional Medicines	Self Observed
Tree	Champ	Alnus nepalensis	Tree	Sub-tropical/Temperate	Available	Available	Own use	Stem	Timber value	Unknown	Self Observed
Tree	Fagada	Ficus palmata	Tree	Scattered tree found in village area	Available	Available	Own use	Fruit	Fruits are edible and rich source of nutrients.	Traditional Medicines	Self Observed
Tree	Shisham	Dalbergia Sissoo	Tree	Scattered tree found in village area	Available	Available	Own use	Leaves, Stem	Leaves-Medicinal Value, Stem-Timber value	Medicinal value	Self Observed
Tree	Dhaman	Grewia optiva	Tree	Sub-tropical	Available	Available	Own use	Leaves, bark	Leaves- Fodder, Bark- Used for making Ropes	Traditional Use	Self Observed
Tree	Sehtoot	Morus serrata	Tree	Sub-tropical/Mostly found in villages	Available	Available	Commercial use	Leaves, Fruit	Leaves-Feeding the Silkworms, Fruits-Edible	Traditional Use	Self Observed
Tree	Kalasree	Albizia lebbeck	Tree	Sub-tropical	Available	Available	Own use	Leaves, Stem	Leaves- Fodder, Stem- Timber value	Traditional Use	Self Observed
Tree	Tunu	Toona ciliata	Tree	Sub-tropical	Available	Available	Own use	Stem	Timber value	Traditional Use	Self Observed
Tree	Kharak	Celtis australis	Tree	Sub-tropical	Available	Available	Own use	Stem, Leaves	Stem- Timber Value, Leaves-Fodder	Traditional Use	Self Observed
Tree	Poplar	Populus ciliata	Tree	Temperate	Available	Available	Own use	Stem	Timber Value	Unknown	Self Observed
Tree	Kamilla	Mallotus philippinensis	Tree	Sub-tropical	Available	Available	Own use	Stem	Firewood	Medicinal value	Self Observed

1	2	3	4	5	6		7	8	9	10	11
Plant type	Local Name	Scientific Name	Habit	Habitat	Local Status		Commercial/ Own use	Parts Collected	Associated TK	Other Details	Community Knowledge Holder
					Past	Present					
Tree	Aru	Prunus persica	Tree	Temperate/Scattered tree found in village area	Available	Available	Commercial use	Fruit, Gum	Edible and rich source of nutrients	Medicinal value	Self Observed
Tree	Gargle	Citron	Tree	Sub-tropical	Available	Available	Commercial use	Fruit	Used for preparation of pickle	Cultural Use	Self Observed
Tree	Flai	Acacia nilotica	Tree	Sub-tropical	Available	Available	Own use	Branches & Leaves	Firewood	Traditional Use	Self Observed
Tree	Jamun	Syzzium cumini	Tree	Sub-tropical	Available	Available	Own use	Fruit	Firewood	Traditional Use	Self Observed
Tree	Draink	Melia azedarach	Tree	Sub-tropical	Available	Available	Own use	Fruit & Leaves	Firewood	Medicinal value	Self observed
Tree	Papita	Carica papaya	Tree	Sub-tropical	Available	Available	Own use	Fruit	Edible	Medicinal value	Self observed
Tree	Simbal	Bombyx ceiba	Tree	Sub-tropical	Available	Available	Own use	Stem, Fruit, Leaves	Fodder	Commerical	Self observed
Tree	Bael	Aegel marmelos	Tree	Sub-tropical	Available	Available	Own use	Fruit & Leaves	Medicinal Value	Religious Value	Self Observed
Tree	Arjuna	Terminilia arjuna	Tree	Sub-tropical	Available	Available	Own use	Branches & Leaves	Medicinal Value	-	Self Observed
Tree	Behra	Terminilia bellirica	Tree	Sub-tropical	Available	Available	Own use	Fruit & Leaves	Medicinal Value	-	Self Observed
Tree	Safeda	Eucalyptus globulus	Tree	Sub-tropical	Available	Available	Own use	Stem, Leaves	Medicinal Value	Soil Binder	Self Observed
Shrub	Bana	Vitex negundu	Shrub	Sub-tropical	Available	Available	Own use	Leaves	-	Medicinal and religious	Self Observed
Shrub	Brainkad	Adhadoda vasica	Shrub	Sub-tropical	Available	Available	Own use	Stem, flower and leaves	Treatment of bronchitis, cough and cold	Medicinal and traditional	Self Observed

1	2	3	4	5	6		7	8	9	10	11
Plant type	Local Name	Scientific Name	Habit	Habitat	Local Status		Commercial/ Own use	Parts Collected	Associated TK	Other Details	Community Knowledge Holder
					Past	Present					
Shrub	Lal Gandila	Nerium indicum	Shrub	Sub-tropical	Available	Available	Own use	Flower & Leaves	Medicinal Value	Medicinal and traditional	Self Observed
Herb	Barrain	Acorus calamus	Herb	Sub-tropical	Available	Available	Commercial Use	Roots	Medicinal Value	Medicinal and traditional	Self Observed
Herb	Bhang	Cannabis sativa	Herb	Sub-tropical	Available	Available	Own use	Leaves	Analgesic	Religious	Self Observed
Herb	Brahmi Butti	Centella asiatica	Herb	Sub-tropical	Available	Available	Commercial Use	Leaves	Medicinal Value	Medicinal and traditional	Self Observed
Shrub	Geloy	Tinospora cardifolia	Shrub	Sub-tropical	Available	Available	Own use	Stem	Medicinal Value	Medicinal and traditional	Self Observed
Shrub	Mlungad	Bauhinia vahlii	Shrub	Sub-tropical	Available	Available	Own use	Stem	Traditional Value	Traditional Value	Self Observed
Shrub	Garna	Carissa spinarum	Shrub	Sub-tropical	Available	Available	Own use	Fruit	Edible	Rich source of Nutrients	Self Observed
Shrub	Sentha	Dodonea viscosa	Shrub	Sub-tropical	Available	Available	Own use	Stem	Firewood	Soil Binder	Self Observed
Shrub	PanjiPhulli	Lantana Camera	Shrub	Sub-tropical	Available	Available	Weed	Weed	Weed	Weed	Self Observed
Shrub	Lassini	Leucaena Leucocephala	Shrub/Tree	Sub-tropical	Available	Available	Own use	Leaves & Branches	Fodder	Soil Binder	Self Observed
Shrub	Dassi Aak	Calotropis Procera	Shrub	Sub-tropical	Available	Available	Own use	Whole Plant	Religious Value	-	Self Observed
Shrub	Jajooli	Mucuna Pruriens	Shrub	Sub-tropical	Available	Available	Weed	Weed	Insect/ Pest Repellent	-	Self Observed
Shrub	Trapparsula	Opuntia vulgaris	Shrub	Sub-tropical	Available	Available	Own use	Growing Buds	Medicinal Value	-	Self Observed

1	2	3	4	5	6		7	8	9	10	11
Plant type	Local Name	Scientific Name	Habit	Habitat	Local Status		Commercial/ Own use	Parts Collected	Associated TK	Other Details	Community Knowledge Holder
					Past	Present					
Shrub	Kewda	Agave americans	Shrub	Sub-tropical	Available	Available	Own use	Whole Plant	Medicinal Value	-	Self Observed
Shrub	Aloe vera	Aloe vera	Shrub	Sub-tropical	Available	Available	Own use	Whole Plant	Medicinal Value	-	Self Observed
Grass	Khabbal	Cyanodon dactylon	Grass	Sub Tropical	Available	Available	Own use	Entire Plant	Fodder	Religious Value	Self Observed
Grass	Dilla	Centipedde	Grass	Sub Tropical	Available	Available	Own use	Entire Plant	Fodder	Unknown	Self Observed
Grass	Baru	Sorghum Halepense	Grass	Sub Tropical	Available	Available	Own use	Entire Plant	Fodder	Unknown	Self Observed
Grass	Trumba	Fegopyrum esculentum	Grass	Temperate	Available	Available	Own use	Entire Plant	Fodder	Unknown	Self Observed
Grass	Lamb Kaa		Grass	Sub Tropical	Available	Available	Own use	Entire Plant	Fodder	Unknown	Self Observed
Herbs	Congress Grass	Parthenium	Herbs	Sub Tropical	Available	Available	Weeds	Unknown	Unknown	Unknown	Unknown
Herbs	Pudina	Mentha spicata	Herbs	Sub-tropical/ Temperate	Available	Available	Own use	Leaves	Medicinal Value	Unknown	Self Observed
Herbs	Puthkanda	Achyranthes Aspra	Herbs	Sub-tropical	Available	Available	Own use	Whole plant	Medicinal Value	Traditional use	Self Observed
Herbs	Jojra	Pupalia Lappacea	Herbs	Sub-tropical	Available	Available	Weed	Weed	Weed	-	Self Observed
Herbs	Dudli Butti	Euphorbia geniculata	Herbs	Sub-tropical	Available	Available	Weed	Weed	Medicinal Value	-	Self Observed
Herbs	Aak	Ipomoea Carnea	Herbs	Sub-tropical	Available	Available	Own use	Unknown	Medicinal Value	Unknown	Self Observed

1	2	3	4	5	6		7	8	9	10	11
Plant type	Local Name	Scientific Name	Habit	Habitat	Local Status		Commercial/ Own use	Parts Collected	Associated TK	Other Details	Community Knowledge Holder
					Past	Present					
Herbs	Kadi Pata	Murraya koenigii	Herbs	Sub-tropical	Available	Available	Own use	Leaves	-	Traditional use	Self Observed



**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	Kainth	Pyrus pashia	Wild	Social	Available
2	Kau	Olea cuspidata	Wild	Social	Available
3	Saintha	Dodonea viscosa	Wild	Soil Binder	Available
4	Kambli	Berberies aristata	Wild	Soil Binder and Economic	Available
5	Fagada	Ficus palmata	Wild	fruit edible	Available
6	Shisham	Dalbergia Sissoo	Wild	Economical, Social	Available
7	Dhaman	Grewia optiva	Wild	Economical, Social	Available
8	Kalasree	Albizia lebbeck	Wild	Economical, Social	Available
9	Tunu	Toona ciliata	Wild	Economical, Social, Commercial	Available
10	Kharak	Celtis australis	Wild	Economical, Social	Available
11	Kamilla	Mallotus philippinensis	Wild	Economical, Social	Available
12	Draink	Melia azedarach	Wild	Economical, Social	Available
13	Kamila	Mallotus philippinensis	Wild	Economical, Social	Available

14	Krangal	<i>Cassia fistula</i>	Wild	Economical, Social	Available
15	Amla	<i>Emblica officianalis</i>	Wild	Economical, Social, Commercial	Available
16	Katriad	<i>Bauhinia verigata</i>	Wild	Economical, Social	Available
17	Bael	<i>Aegel marmelos</i>	Wild	Economical, Social	Available
18	Simbal	<i>Bombyx ceiba</i>	Wild	Economical, Social	Available
19	Flai	<i>Acacia nilotica</i>	Wild	Economical, Social	Available

### Format 20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other Details
					Past	Present			
Mendak	<i>Rana tigrina</i>	Wild	Greenish or greyish, pointed snout , long muscular hind limbs	Moist Areas	More	More	No direct use	Unknown	Unknown
Jook	Hirudinea	Wild	Segmented parasite	Moist areas	More	More	Medicinal use	Used for Therapy	Unknown
Sarkeed	Brachyura	Wild	Crustacean, thick exoskelton	Shores of rivers/pond	More	More	No direct use	Unknown	Unknown
Mahasher fish	<i>Cyprinus tor</i>	Wild	Large fish having large scales	Streams and rivers	More	More	Whole Body	Source of good protein	Traditional
Trout fish	<i>Salmo troutta</i>	Wild	Two pectoral fins, two pelvic fins, an anal fin, an adipose fin and a caudal fin	Moderate to low water currents	More	More	Whole Body	Source of good protein	Traditional
Mirgal fish	<i>Cirrhinus mrigala</i>	Wild	Bilateral symmetry, head without scales, snout blunt	Streams and rivers	More	More	Whole Body	Source of good protein	Traditional
Rohu fish	<i>Labeo rohita</i>	Wild	Two nostrils are present on the dorsal side of the snout, mouth having a crescentic opening	Ponds and rivers	More	More	Whole Body	Source of good protein	Traditional



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

1	2	3	4	5	6
S.No	Local Name	Scientific Name	Variety	Importance	Trends
1	Water lily	<i>Nymphaea nouchali</i>	Wild	Medicinal Value	-
2	Barrian	<i>Acorus calamus</i>	Wild	Medicinal Value	-
3	Swal	<i>Chlorophyta</i>	Wild	Organic manure	-
4	Hydrilla	<i>Hydrilla verticillata</i>	Wild	-	-
5	Pattar	<i>Nymphoides ezannoi</i>	Wild	-	-

**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	Kainth	<i>Pyrus pashia</i>	Wild	Forest	Available	Available	Own use	Leaves, fruits	Leaves are used for staining purposes and fruits are edible	Traditional Medicines	Self Observed
Tree	Kau	<i>Olea cuspidata</i>	Wild	Forest	Available	Available	Own use	Stem, branches	Stem and branches are used for making handles of agricultural tools.	Unknown	Self Observed
Tree	Draink	<i>Melia azedarach</i>	Wild	Forest	Available	Available	Medicinal	Antioxidant, antianalgesic, antidiabetic	Leaves and Seed	Own use	Self observed
Tree	Kamila	<i>Mallotus philippinensis</i>	Wild	Forest	Available	Available	Staining agent	Dying and herbal remedies	Fruit	Own use	Self observed
Tree	Krangal	<i>Cassia fistula</i>	Wild	Forest	Available	Available	medicinal	Antipiratic, antiinflammatory	Seeds	Own use	Self observed
Tree	Amla	<i>Emblica officianalis</i>	Wild	Forest	Available	Available	Medicinal	Rich source of Vitamin-c, immunity booster	Fruit	Market/Own use	Self observed
Tree	Katriad	<i>Bauhinia verigata</i>	Wild	Forest	Available	Available	Medicinal and traditional	Used in dysentery and diarrhea, cure skin diseases	Flower	Own use	Self observed
Tree	Flai	<i>Acacia nilotica</i>	Wild	Forest	Available	Available	Medicinal	Strengthening gums and teeth	Branches		Self observed
Tree	Jamun	<i>Syzzium cumini</i>	Wild	Forest	Available	Available	Medicinal and Traditional	Antidiabetic, improves haemoglobin and also strengthen the gums and teeth	Fruit, Leaves, bark, roots and branches	Market/Own use	Self observed

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	Kakarsinghi	<i>Pistacia integerrima</i>	Wild	Forest	Available	Available	Medicinal	Cure cronic Bronchitis	Fruit	Market value	Self observed
Tree	Arjuna	<i>Terminilia arjuna</i>	Wild	Forest	Available	Available	Medicinal	Cure cardiac alinments	Bark and leaves	Own use	Self observed
Tree	Behra	<i>Terminilia bellirica</i>	Wild	Forest	Available	Available	Medicinal	Antibacterial and Antifungal properties	Leaves and fruit	Own use	Self observed
Shrub	Bana	<i>Vitex negundu</i>	Wild	Forest	Available	Available	Medicinal and religious	Muscle relaxant, pain relieving	Leaves	Own use	Self observed
Shrub	Brainkad	<i>Adhadoda vasica</i>	Wild	Forest	Available	Available	Medicinal and traditional	Treatment of bronchitis, cough and cold	Stem, flower and leaves	Own use	Self observed
Shrub	Lal Gandila	<i>Nerium indicum</i>	Wild	Forest	Available	Available	Medicinal	Medicinal properties like anthelmintic, diuretic, cardio tonic, anti cancer	Roots, leaves and bark	Own use	Self observed
Shrub	Kewda	<i>Agave americans</i>	Wild	Forest	Available	Available	Medicinal	Medicinal properties	Whole plant	Own use	Self observed
Shrub	Aloe vera	<i>Aloe vera</i>	Wild	Forest	Available	Available	Medicinal	Medicinal properties	Whole plant	Own use	Self observed
Herb	Barrain	<i>Acorus calamus</i>	Wild	Forest	Available	Available	Medicinal	Used for gastro intestinal problem	Roots	Market value	Self observed
Herb	Kins	<i>Dioseoria deltoidea</i>	Wild	Forest	Available	Available	Medicinal	Treatment of dogestive disorders, sore throat, wounds, burns, anaemia	Rhizomes, leaves	Market/Own use	Self observed

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					
Herb	Bhang	<i>Cannabis sativa</i>	Wild	Forest	Available	Available	Medicinal	Cure fever, dysentery sunstroke and give alertness to the body	Leaves	Own use	Self observed
Herb	Brahmi Butti	<i>Centella asiatica</i>	Wild	Forest	Available	Available	Medicinal	Repair nervous tissues due to spinal injury, neuromuscular disoredr and incrtease brain memory	Leaves	Market value	Self observed
Herb	Kadi Pata	<i>Murraya koenigii</i>	Wild	Forest	Available	Available	Medicinal	Antibacterial, antidiabetic	Leaves	Own use	Self observed
Climber	Geloy	<i>Tinospora cardifolia</i>	Wild	Forest	Available	Available	Medicinal	Used to treat diabities, hifh colestrol, allergy, upset stomach, gout	Stem, branches	Own use	Self observed
Climber	Mlungad	<i>Bauhinia vahlliwight</i>	Wild	Forest	Available	Available	Medicinal	Antibacterial, antidiabetic, analgesic, anti-inflammatory	Leaves,Stem	Market/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 Knowledge Holder
				Past	Present					
Jangli Pudina	<i>Mentha arvensis</i>	Pudina	Moist area	Available	Available	Flavouring agent	Leaves	Traditional	Unknown	Self Observed
Chalari	<i>Amaranthus viridis</i>	-	Agriculture Lands	Available	Available	As vegetable	Leaves	Traditional	Unknown	Self Observed
Dheu	<i>Artocarpus lakoocha</i>	Jackfruit	Agriculture Lands	Available	Available	Fruits used for pickle	Fruit	Traditional	Unknown	Self Observed
Wild strawberry	<i>Fragaria vesca</i>	Strawberry	Fallow Lands	Available	Available	Fruit edible	Fruit	Traditional	Unknown	Self Observed
Kela	<i>Musa balbisiana</i>	Banana	Marshy lands	Available	Available	Fruit edible	Fruit	Traditional	Unknown	Self Observed
Kemb	<i>Citrus indica</i>	Citrus fruits	Agriculture/Fallow lands	Available	Available	Fruit edible	Fruit	Traditional	Unknown	Self Observed
Millet	<i>Pennisetum purpureum</i>	Pearl millet	Fallow Lands	Available	Available	-	-	Traditional	Unknown	Self Observed
Kaaw	<i>Sorghum halepense</i>	Sorghum	Fallow Lands	Available	Available	Fodder	Leaves	Traditional	Unknown	
Rice bean	<i>Vigna umbellata</i>	Bean	Fallow Lands	Available	Available	-	-	Traditional	Unknown	Self Observed

**Format 24: Ornamental Plants**

1	2	3	4	5	6	7	8
Local Name	<i>Scientific Name</i>	Variety	Habitat	Commercial/Non-commercial Uses	Associated TK	Any Other Detail	Community Knowledge Holder
Gulmohar	<i>Delonix regia</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Gulaca	<i>Cassia glauca</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Gandila	<i>Nerium</i>	Wild	Forest	Non-commercial	-	Unknown	Self observed
China rose	<i>Hibiscus rosa-sinensis</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Boganvilla	<i>Bougainvillea glabra</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Silver Oak	<i>Grevillea robusta</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Semia	<i>Cassia semia</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Marigold	<i>Tagetes erecta</i>	Wild	Roadside	Non-commercial	-	Unknown	Self observed
Murraya	<i>Murraya paniculata</i>	Local	Roadside	Non-commercial	Aesthetic value	Unknown	Self observed

Kachnar	<i>Bauhinia verigata</i>	Wild	Forest	Commercial	Flower-Edible and medicinal value	Unknown	Self observed
Batai	<i>Salix alba</i>	Wild	Forest	Commercial	Timber value	Unknown	Self observed
Saru	<i>Thuja occidentalis</i>	Wild	Roadside	Non-commercial	-	Unknown	Self observed
Bottle Brush	<i>Callistemon spp.</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Golden Shower	<i>Acacia auriculiformis</i>	Wild	Forest	Non-commercial	-	Unknown	Self observed
Motiya/Mongra	<i>Jasminum sambac</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Kewda	<i>Agave americans</i>	Wild	Forest	Non-commercial	-	Unknown	Self observed
Ashoka	<i>Polyalthia longifolia</i>	Local	Roadside	Non-commercial	-	Unknown	Self observed
Juniper	<i>Juniperus communis</i>	Local	Roadside	Non-commercial	-	Unknown	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					
Tree	Jamun	Syzzium cumini	Wild	Sub-tropical	Available	Available	Teeth and gum diseases, antidiabetic	Branches, fruit	-	Branches used for brushing teeth and fruit for diabetic problem	Self observed
Tree	Flai	Acacia modsta	Wild	Sub-tropical	Available	Available	Teeth and gum diseases	Branches	-	Branches used for brushing teeth	Self observed
Tree	Amla	Emblica officinalis	Wild	Sub-tropical	Available	Available	Rich in Vitamin-c	Fruit	-	Edible	Self observed
Shrub	Timbru	Zanthoxylum armatum	Wild	Sub-tropical/Temperate	Available	Available	Disinfectant and antiseptic	Branches, fruit	-	Branches used for brushing teeth and fruit for medicinal purpose	Self observed
Shrub	Tulsi	Ocimum sanctum	Local	Moist soil/Temperate	Available	Available	Antioxidant, antiaging, treats Kidney stones, Relieves fever	Leaves	-	Leaves used in traditional medicines	Self observed
Shrub	Saunf	Foeniculum vulgare	Local	Humid/Temperate	Available	Available	Purify blood, improves eyesight	Fruit		Traditional use	Self observed
Shrub	Aloe vera	Aloe vera	Local	Sub-tropical	Available	Available	Medicinal Value	Whole Plant		Traditional use	Self observed

Herb	Brainkad	Adhadoda vasica	Local	Sub-tropical	Available	Available	Antiviral, antibacterial, anti-inflammatory	Leaves	-	Traditional use	Self observed
Herb	Pudina	Mentha spicata	Local	Near streams/Wet areas	Available	Available	Antiviral, antibacterial, anti-inflammatory	Leaves	-		Self observed
Herb	Methi	Trigonella foenum-graecum	Local	Sub-tropical	Available	Available	Balance cholestrol, maintain liver and health	Seeds	-	Traditional use	Self observed
Herb	Dhania	Coriandrum sativum	Local	Sub-tropical	Available	Available	Digestion problems	Leaves, Seeds	-	Traditional use	Self observed
Herb	Bang	Cannabis sativa	Wild	Sub-tropical	Available	Available	Cure fever, dysentery sunstroke and give alertness to the body	Leaves	-	-	Self observed
Climber	Geloy	Tinospora cardifolia	Wild	Tropical/dry forests	Available	Available	Boost immunity, reduces stress and anxiety	Stem	-	Medicinal value	Self observed

**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	Dalbergia sissoo	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture and agricultural equipments	Self Observed
Kalasree	Albizia lebbeck	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Tunu	Toona ciliata	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Toot	Morus serrata	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Draink	Melia azedarach	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Jamun	Syzygium cumini	Sub-tropical	Available	Available	Furniture	Local/Wild	Wood used for Furniture	Self Observed







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

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses(if any)	Associated TK	Mode of Hunting, collecting (if any)	Other Details	Community Knowledge Holder
						Past	Present					
Mammals	Billi	<i>Felis bengalensis</i>	Terrestrial/Forest	Body and limbs are marked with black spots of varying size and colour	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Jangli Billi	<i>Felis chaus</i>	Terrestrial/Forest	Grey fur without spots, solitary nature and mostly used to prey small mammals and birds	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Ged	<i>Canis aureus</i>	Terrestrial/Forest	Less prominent forehead, shorter legs and often hunts alone	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Ged	<i>Vulpes bengalensis</i>	Terrestrial/Forest	Medium size foxes with large bushy tail	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Khadkanu	<i>Lepus nigricollis</i>	Terrestrial/ tropical	Black naped hares due to the patch of black fur that runs along the nape of the neck.. Back and face are brown with black hairs scattered throughout	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Newla	<i>Herpestes edwardsi</i>	Terrestrial, tropical and temperate	Long bodies, short legs and highly developed anal scent glands. Their coats are thick and coarse is texture	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Saece	<i>Hystrix indica</i>	Grassland, forest, scrub forest and mountain	Its hair is highly modified to form multiple layers of spines. Each quill is black or brown in color. Spines vary in length with the neck and shoulder	All seasons	Available	Available	Unknown	Unknown		-	Locals
Mammals	Chua	<i>Rattus rattus</i>	Temperate, Terrestrial and tropical	Medium sized rat with relatively large ears and a tail that is nearly always longer than the body	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses(if any)	Associated TK	Mode of Hunting, collecting (if any)	Other Details	Community Knowledge Holder
						Past	Present					
Mammals	Changadad	<i>Chiroptera</i>	Temperate, Terrestrial and tropical	Bats are unmistakable and wings are modified forelimbs	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Reptiles	Kerli	<i>Hemidatylys frenatus</i>	Wild	Ectothermic, Quniodirunal	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Reptiles	Khoo	<i>Varauns bangalensis</i>	Wild	Grey colour with black crossbars from chin to tail	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Reptiles	Dhaleda	<i>Chamaeleo zeylanicus</i>	Wild	Long tongue, feet, prehensile tail	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Chiri	<i>Passer domesticus</i>	Temperate/Terrestrial	House sparrow is a stout, stocky sparrow with shorter legs and brown backed with black streaks	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Kaa	<i>Corvus brachyrhynchos</i>	Temperate/Terrestrial	Completely black with glossy and slightly iridescent look	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Totaa	<i>Psittacula krameri</i>	Terrestrial/Freshwater	Medium sized bird have a green body with reddish beak. Tail is more than half of the body length	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Ell	<i>Gyps bengalensis</i>	Temperate/Terrestrial	Medium sized, bilateral symmetry, homoiothermic	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Lundhi	<i>Haliaeetus leucocephalus</i>	Temperate	Endothermic, bilateral symmetry	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals

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					
Birds	Kabutar	<i>Columba livia</i>	Forest	Dark bluish grey head, neck and chest, billateral symmetry	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Jangli Murga	<i>Gallus gallus</i>	Forest	Gold, red, brown, dark maroon, orange with a bit of mettalic green and grey. White and olive feathers	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Gatari	<i>Acridotheres tristis</i>	Terrestrial, tropical and temperate	Yellow bills, legs and eye skin. Brown with a white head	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Bulbul	<i>Pycnonotus leucogenys</i>	Arboreal/Forest	Head, throat and crest are black and white with long tail	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Tarkhan	<i>Melanerpes formicivorus</i>	Forest	medium sized,black and white clown faced bird with red crown, glossy black and white head	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Kala Titar	<i>Melanoperdix niger</i>	Wild	Small partridge with a thick bill, grey legs and dark brown iris	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Babbler	<i>Turdoides striata</i>	Wild	Short rounded wings with a weak flight. Brownish grey with a yellow bill	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Barn swallow	<i>Hirundo rustica</i>	Terrestrial, tropical and temperate	Small birds, barn swallow, blue black above and pale below. Light brown throat and forehead	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Pinja	<i>Terpsiphone paradisi</i>	Forest	Glossy black with a black brown and crest, black eyes	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals

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					
Amphibia	Mendak	<i>Rana tigrina</i>	Wild	Solitary, nocturnal, snout pointed, tympanum distinct, skin with longitudinal foldes	Monsoon	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Amphibia	Jook	<i>Hirudinea</i>	Wild	Parasitic or predatory, cylindrical with a fluid filled space	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Amphibia	Sarkeed	<i>Brachyura</i>	Aquatic	Crustacean covered with thick exo skelton	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Insects	Songla	<i>Periplaneta americana</i>	Near Habitation	Reddish brown with a pale brown or yellow band, jointed legs	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Insects	Passfail	<i>Coccinella septumpunctata</i>	Terrestrial/Temperate	Medium sized has orangishred elytra and black spots	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Insects	Trida	<i>Orthoptera caelifera</i>	Wild	Cylindrical body with elongated hindlegs and musculature adapted for jumping	Monsoon	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Insects	Timba	<i>Anisoptera</i>	Wild	Strong flying insects with body divided in three segments head, thorax and abdomen	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Insects	Blister beetle	<i>Mylabris pustulata</i>	Wild	Chewing and feeding mouth parts, polyphagus, well developed mouth, bright colour arrangements	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Rodent	Gilhari	<i>Funabulus palmarum</i>	Wild	Large Bushy tail, back is grey brown colour with white strips	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	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>Syzzium cumini</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
7	Draink	<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	<i>Scientific Name</i>	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Fish	<i>Labeo rohita</i>	Amphibia	Aquatic	Common
2	Frog	<i>Anura</i>	Amphibia	Aquatic	Common
3	Billi	<i>Felis Bengalensis</i>	Mammals	Terrestrial	Common
4	Ged	<i>Canis aureus</i>	Mammals	Terrestrial	Common
5	Ged	<i>Vulpes bengalensis</i>	Mammals	Terrestrial	Common
6	Bandar	<i>Innuus rhesus</i>	Mammals	Arboreal/ Lives near habitation	Common
7	Khadkanu	<i>Lepus nigricollis</i>	Mammals	Terrestrial/ tropical	Common
8	Newla	<i>Herpestes edwarsi</i>	Mammals	Terrestrial, tropical and temperate	Common
9	Sae	<i>Hystrix indica</i>	Mammals	Grassland and mountain	Common
10	Chua	<i>Rattus rattus</i>	Mammals	Temperate, Terrestrial and tropical	Common
11	Chamgadad	<i>Chiroptera</i>	Mammals	Temperate, Terrestrial and tropical	Common
12	Cow	<i>Bos taurus</i>	Mammals	Domestic	Common
13	Buffalo	<i>Babalus bubalis</i>	Mammals	Domestic	Common
14	Goat	<i>Capra aegagrus</i>	Mammals	Domestic	Common
15	Sheep	<i>Ovis aries</i>	Mammals	Domestic	Common
16	Domestic Fowl	<i>Gallus gallus</i>	Mammals	Domestic	Common
17	Horse	<i>Equus caballus</i>	Mammals	Domestic	Common

18	Mule	<i>Equus asinus</i>	Mammals	Domestic	Common
19	Dog	<i>Canis lupus familiaris</i>	Mammals	Domestic	Common
20	Chakoor	<i>Alectoris chukar</i>	Birds	Domestic	Common
21	Kerli	<i>Hemidatylus frenatus</i>	Reptiles	Wild	Common
22	Khoo	<i>Varauns Bangalensis</i>	Reptiles	Wild	Common
23	Dhaleda	<i>Chamaeleo zeylanicus</i>	Reptiles	Wild	Common
24	Chiri	<i>Passer domesticus</i>	Birds	Temperate/Terrestrial	Common
25	Kaa	<i>Corvus brachyrhynchos</i>	Birds	Temperate/Terrestrial	Common
26	Totaa	<i>Psittacula krameri</i>	Birds	Terrestrial/Freshwater	Common
27	Ell	<i>Gyps bengalensis</i>	Birds	Temperate/Terrestrial	Common
28	Lundhi	<i>Haliaeetus leucocephalus</i>	Birds	Temperate	Common
29	Kabutar	<i>Columba livia</i>	Birds	Arboreal	Common
30	Gatari	<i>Acridotheres tristis</i>	Birds	Terrestrial, tropical and temperate	Common
31	Bulbul	<i>Pycnonotus leucogenys</i>	Birds	Arboreal	Common
32	Tarkhan	<i>Melanerpes formicivorus</i>	Birds	Arboreal	Common
33	Kala Titar	<i>Melanoperdix niger</i>	Birds	Wild	Common
34	Babbler	<i>Turdoides striata</i>	Birds	Wild	Common
35	Barn swallow	<i>Hirundo rustica</i>	Birds	Terrestrial, tropical and temperate	Common
36	Pinja	<i>Terpsiphone Paradisi</i>	Birds	Wild	Common
37	Jook	<i>Hirudinea</i>	Amphibia	Wild	Common
38	Sarkeed	<i>Brachyura</i>	Amphibia	Aquatic	Common
39	Songla	<i>Periplaneta americana</i>	Insects	Near Habitation	Common
40	Passfail	<i>Coccinella septumpunctata</i>	Insects	Terrestrial/Temperate	Common

41	Trida	<i>Orthoptera caelifera</i>	Insects	Wild	Common
42	Timba	<i>Anisoptera</i>	Insects	Wild	Common
43	Blister beetle	<i>Mylabris pustulata</i>	Insects	Wild	Common
44	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
Nil	Nil	Nil

Haldi - 6 Canal Land

*End of Part II*