

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Kharooni

Taluk: Udampur

District: Udampur

State: J&K UT

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total 2250

Male: 1260

Female: 990

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns) Weather Patterns

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 24.07.2019

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

Annexure 1

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST)

1)Name of the Chairperson: Puran Chnad S/o Des Raj

Age: 67

Gender: Male

Address: Danna Ward No.6

Area of specialization:

2) Name: Fazal Din

Age: 75

Gender: Male

Address: Loundna Ward No. 2

Area of specialization:

3)Name: Chuni Lal

Age: 65

Gender: Male

Address: Danna Ward No. 6

Area of specialization:

4)Name: Sham Lal

Age: 28

Gender: Male

Address: Kharooni

Area of specialization:

5)Name: Charan Dass

Age: 48

Gender: Male

Address: Jagari Ward No.3

Area of specialization:

6)Name: Mohinder Kumar

Age: 50

Gender: Male

Address: Upper Kharooni

Area of specialization:

7)Name: Madan Lal

Age: 48

Gender: Male

Address: Upper Kharooni

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: Nil

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Nil

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: Nil

Age:

Gender:

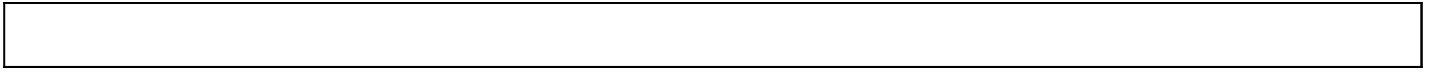
Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:



Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

1) Name of the Chairperson: Nil

Age:

Gender:

Address:

Area of specialization:

2) Name of the Chairperson: 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

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>	Chawal	Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	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
Bajra	<i>Pennisetum glaucum</i>	Bajra							Kharif	Food Fodder			Stored last year crop seeds/ market	
Mustard	<i>Brassica nigra</i>	Sarson							Rabi/ zaid	Edible Oil			Stored lat year crop seeds/ market	

Potato	<i>Solanum tuberosum</i>	Aaloo		Potato is an herbaceous annual, require cool weather, mostly rainfed condition				Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Rabi	under ground tubers are used as vegetable cegips etc.		High carbohydrate	Agri Deptt./Local	Farmers
Onion	<i>Allium cepa</i>	Pyaj		Cool Weather at vegetative stage followed by warm weather at bulb stage					Dec., Mar, April	Vegetable & Salad use	Good source of dietary fiber, vitamin B6, C, Pottassium and folic acid		Agri Deptt./Local	Farmers
Garlic	<i>Allium sativum</i>	Thom		-	2 Ha.			-	Dec- April	Food	-	-	Local & Agri. Deptt.	
Ginger	<i>Zingiber officinale</i>	Adrak							N/A					
Peas	<i>Pisum Sativum</i>							Medium dwarf plant with green well filled pods	Rabi	Green pods are used as vegetable	high in fiber, protein, vitamins, phosporus, magnesium, copper			
Red Kidney Beans	<i>Phaseoius Vulgaries</i>							Medium Yielding	Kharif(May to October)	Source of Protein/Energy	Preferred food for parties as well as domestic consumption			

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	Mango	<i>Mangifera indica</i>	N/A	Subtropical	Available	Available	Local	May-June	Traditional/ Religious	Fruits/ Firewood	Own use	Self Observed
Tree	Guava	<i>Psidium guajava</i>	N/A	Subtropical	Available	Available	Local	Aug-Sept	Traditional	Fruits/ Firewood	Own use	Self Observed
Tree	Fagora	<i>Ficus palmata</i>	N/A	Subtropical	Available	Available	Local	June-July	N/A	Fruits	Own use	Self Observed
Tree	Bael	<i>Aegle marmalos</i>	N/A	Subtropical	Available	Available	Local	April-May	Traditional/ Religious	Fruits	Own use	Self Observed
Tree	Garna	<i>Carissa spinarum</i>	N/A	Subtropical	Available	Available	Local	Oct-Feb	N/A	Live fencing	Own use	Self Observed
Tree	Aru	<i>Prunus persica</i>	N/A	Subtropical	Available	Available	Local	Feb -Apri	N/A	Fruits	Own use	Self Observed
Tree	Jamun	<i>Syzygium cumini</i>	N/A	Subtropical	Available	Available	Local	June-July	Medicinal	Fruits	Own use	Self Observed
Tree	Anar	<i>Punica granatum</i>	N/A	Subtropical	Available	Available	Local	Monsoon months	N/A	Fruits/ Firewood	Own use	Self Observed

Tree	Amla	<i>Emblica officinalis</i>	N/A	Subtropical	Available	Available	Local	Oct-Nov	Medicinal/ Religious	Fruits	Own use	Self Observed
Tree	Ber	<i>Ziziphus mauritiana</i>	N/A	Subtropical	Available	Available	Local	Feb-March	N/A	Fruits	Own use	Self Observed
Tree	Galgal	<i>Citrus limon</i>	N/A	Sub-tropical	Available	Available	Nursery	March to Sept.	Medicinal	Processing.	Own use	Popular in local population.

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Tree	<i>Grewia optiva</i>	Dhaman	Sub-tropical	Available	Available	Local	Used to make ropes	Leaves	Firewood	Self observed
Tree	<i>Albizia lebbeck</i>	Kalasru	Sub-tropical	Available	Available	Local	Firewood, fodder	Leaves	Firewood / Fodder	Self observed
Tree	<i>Pennisetum americanum</i>	Lucini	Sub-tropical	Available	Available	Local	Fodder	Leaves	Fodder	Self observed
Herb	<i>Zea mays</i>	Maize	Sub-tropical	Available	Available	Market	Food fodder	Whole plant	Fodder/ food	Self observed
Herb	<i>Sorghum bicolor</i>	Sorghum	Sub-tropical	Available	Available	Market	Fodder	Whole plant	Fodder	Self observed
Herb	<i>Pennisetum glaucum</i>	Bajra	Sub-tropical	Available	Available	Market / Stored from last crop	Food fodder	Whole plant	Fodder/ food	Self observed
Herb	<i>Triticum aestivum</i>	Wheat	Sub-tropical	Available	Available	Last year crop/ market	Food fodder	Whole plant	Fodder/ food	Self observed
Herb	<i>Bauhinia Variegata</i>	Kachnar					Flowers used as food	Leaves/ Flowers	Firewood	Self observed

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					
	<i>Parthenium hysterophorus</i>	Congress grass	almost every crop	N/A	Sub-tropical	Available	Available	N/A	N/A	N/A	Exotic	Self observed
	<i>Latana Camara</i>	paljfulli	almost every crop	N/A	Sub-tropical	Available	Available	Firewood	By cutting	N/A	Exotic	Self observed
	<i>Ageratum conyzoides</i>	Putna Jadi	almost every crop	N/A	Sub-tropical	Available	Available	N/A	By removing/weeding	N/A	Exotic	Self observed
	<i>Cynodon dactylon</i>	Doob	Wheat/maize	Complete with main crop	Sub-tropical	Available	Available	Fooder	Weeding	N/A	local	Self observed
	<i>Avena fatua</i>	Laan	Wheat	Complete with main crop	Sub-tropical	Available	Available	Fooder	Weeding	N/A	local	Self observed

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

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management Mechanism	Associated TK	Other Details	Community Knowledge Holder
Crop	Locusts	<i>Locusta migratoria</i>	Tidda	Plants	Kharif	Spraying pest control chemical	N/A		Unknown
Crop	Grasshopper	<i>Grass hopper Acrididae</i>	Ram da koda	Plants	Kharif	Spraying pest control chemical	N/A		Unknown
Crop	Monkey	<i>Macaca mulatta</i>	Bandar	Trees	Every season	Drum beating	N/A		Unknown
Crop	Termites	<i>Isoptera</i>	Sink	Land	N/A	N/A	N/A		Unknown
Crop	Wild rats	<i>Rattus Rattus</i>	Chua	Underground	N/A	N/A	N/A		Unknown

Other details may include possible reasons for insects/animal attack

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.
 Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc
 How the community manages the landscapes they use for satisfying different needs, their strategies and perception
 How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Cultivated Land	-	-	Cultivated land		Agricultural lands are privately owned	Wild plants/ weeds	Insect		Ploughing, Sowing, Weeding, Hoeing, harvesting etc	Food, Fodder, Fibre etc.	Medicinal, Traditional, Religious.		Self observed
Non-Cultivated Land	-	-	Non-irrigated Area/State Land		Agricultural lands are privately owned	Wild plants/ weeds	Insect			Fodder	Medicinal, Traditional, Religious.		Self observed
Grazing land	-	-	State Land		Govt/ private	Wild Plants/ Weeds/ Grasses	Insect			Fodder	Medicinal, Traditional, Religious.		Self observed

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
Stream	-	Direct small underground streams	Revenue/ Private Land	Mostly Ferns, Bryophytes, Pteridophytes	Amphibians	Daily household and drinking	All the people of the said area	Traditionally management practices for strengthening of bunds and deepning of tank beds	Drinking & Washing Clothes	-	-	General People of Village
Canals	-	From the bigger nalas	Revenue/ Private Land	All crops including fruits, vegetables & Flowers	Frog, Tadpoles, Fishes, Water snakes	Irrigation, Hydro Power, Chakki/ Gharats	Farmer	Small Check Dams	Irrigation, drinking of domestic animal	-	-	Local villagers
Nalas	-	Direct smal underground streams	Revenue/ Private Land	All crops including fruits, vegetables & Flowers	Frog, Tadpoles, Fishes, Water snakes	Irrigation	Farmer	Check Dams	Irrigation, drinking of domestic animal	-	-	Local villagers

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	12
Plant type	Local Name	Scientific Name	Variety	Habitat	Local Status		Source of plant/seeds	Season of fruiting	Uses	Associated TK	Other details market/own use	Community/ Know holder
					Past	Present						
Mango	Aam	<i>Mangifera indica</i>	N/A	Sub-tropical	Available	Available	Local	May-June	Fruit, Pickle, Preserves	N/A	Own Use	Unknown
Guava	Amrood	<i>Psidium guajava</i>	N/A	Sub-tropical	Available	Available	Local	Aug-Sep	Fruit	Traditional	Marketing, Own Use	Unknown
Grapes	Angoor	<i>Vitis vinifera</i>	N/A	Sub-tropical	Available	Available	Local	Summer month	Fruit	N/A	Own Use	Unknown
Aonla	Amla	<i>Emblica officinalis</i>	N/A	Sub-tropical	Available	Available	Local	October	Pickling Preserve etc	Religious	Marketing, Own Use	Unknown
Ber	Ber	<i>Ziziphus mauritiana lamk</i>	N/A	Sub-tropical	Available	Available	Local	N/A	Fruit	N/A	Own Use	Unknown
Pomegranate	Anaar, Druni	<i>Punica granatum</i>	N/A	Sub-tropical	Available	Available	Local	Monsoon months	Fruit, Anardana	Firewood	Own Use	Unknown
Papaya	Papita	<i>Carica papaya</i>	N/A	Sub-tropical	Available	Available	Local/ Nursery	Mar-apr	Fruit	Traditional	Own Use	Unknown
Fagora	Fagora	<i>Ficus palmata</i>	N/A	Sub-tropical	Available	Available	Local	June-july	Firewood Fodder	Traditional	Own Use	Unknown
Banana	Kela	<i>Musa acuminata</i>	N/A	Sub-tropical	Available	Available	Local	N/A	Fruit	Traditional	Own Use	Unknown
Bael	Bael	<i>Aegle marmalos</i>	N/A	Sub-tropical	Available	Available	Local	N/A	Medicinal	Religious	Own Use	Unknown
Toot	toot	<i>Morus Alba</i>	N/A	Sub-tropical	Available	Available	Local	April	Firewood	N/A	Own Use	Unknown

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					
Tree	Kainth	<i>Pyrus pashia</i>	Wild	Revenue/Private Land	Local	Available	Available	Leaves, fruits	Leaves are used for staining purposes and fruits are edible	Traditional Medicines	Own use	Self observed
Tree	Kau	<i>Olea cuspidata</i>	Wild	Revenue/Private Land		Available	Available	Stem, branches	Stem and branches are used for making handles of agricultural tools.	Unknown	Own use	Self observed
Tree	Draink	<i>Melia azedarach</i>	Wild	Revenue/Private Land		Available	Available	Antioxidant, antianalgesic, antidiabetic	Leaves and Seed	Own use	Medicinal	Self observed
Tree	Kamila	<i>Mallotus philippinensis</i>	Wild	Revenue/Private Land		Available	Available	Dying and herbal remedies	Fruit	Own use	Staining agent	Self observed
Tree	Krangal	<i>Cassia fistula</i>	Wild	Revenue/Private Land		Available	Available	Antipiratic, antiinflammatory	Seeds	Own use	medicinal	Self observed
Tree	Amla	<i>Emblica officianalis</i>	Wild	Revenue/Private Land		Available	Available	Rich source of Vitamin-c, immunity booster	Fruit	Market/ Own use	Medicinal	Self observed

Tree	Katriad	<i>Bauhinia variegata</i>	Wild	Revenue/Private Land		Available	Available	Used in dysentery and diarrhea, cure skin diseases	Flower	Own use	Medicinal and traditional	Self observed
Tree	Flai	<i>Acacia nilotica</i>	Wild	Revenue/Private Land		Available	Available	Strengthening gums and teeth	Branches	Own use	Medicinal	Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Revenue/Private Land		Available	Available	Antidiabetic, improves haemoglobin and also strengthen the gums and teeth	Fruit, Leaves, bark, roots and branches	Market/ Own use	Medicinal and Traditional	Self observed
Tree	Kakarsinghi	<i>Pistacia integerrima</i>	Wild	Revenue/Private Land		Available	Available	Cure cronic Bronchitis	Fruit	Market value	Medicinal	Self observed
Tree	Arjuna	<i>Terminilia arjuna</i>	Wild	Revenue/Private Land		Available	Available	Cure cardiac ailments	Bark and leaves	Own use	Medicinal	Self observed
Tree	Behra	<i>Terminilia bellirica</i>	Wild	Revenue/Private Land		Available	Available	Antibacterial and Antifungal properties	Leaves and fruit	Own use	Medicinal	Self observed
Shrub	Bana	<i>Vitex negundu</i>	Wild	Revenue/Private Land		Available	Available	Muscle relaxant, pain relieving	Leaves	Own use	Medicinal and religious	Self observed

Shrub	Brainkad	<i>Adhadoda vasica</i>	Wild	Revenue/Private Land		Available	Available	Treatment of bronchitis, cough and cold	Stem, flower and leaves	Own use	Medicinal and traditional	Self observed
Shrub	Lal Gandila	<i>Nerium indicum</i>	Wild	Revenue/Private Land		Available	Available	Medicinal properties like anthelmintic, diuretic, cardio tonic, anti cancer	Roots, leaves and bark	Own use	Medicinal	Self observed
Shrub	Kewda	<i>Agave americans</i>	Wild	Revenue/Private Land		Available	Available	Medicinal properties	Whole plant	Own use	Medicinal	Self observed
Shrub	Aloe vera	<i>Aloe vera</i>	Wild	Revenue/Private Land		Available	Available	Medicinal properties	Whole plant	Own use	Medicinal	Self observed
Herb	Barrain	<i>Acorus calamus</i>	Wild	Revenue/Private Land		Available	Available	Used for gastro intestinal problem	Roots	Market value	Medicinal	Self observed
Herb	Kins	<i>Dioseoria deltoidea</i>	Wild	Revenue/Private Land		Available	Available	Treatment of dogestive disorders, sore throat, wounds, burns, anaemia	Rhizomes, leaves	Market/ Own use	Medicinal	Self observed
Herb	Bhang	<i>Cannabis sativa</i>	Wild	Revenue/Private Land		Available	Available	Cure fever, dysentery sunstroke and give alertness to the body	Leaves	Own use	Medicinal	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	Shisham	<i>Dalbergia sissoo</i>	Sub-tropical	Available	Available	-	Wood used for Furniture and agricultural equipments	Medicinal	-	Self Observed
Tree	Kalasree	<i>Albizia lebbek</i>	Sub-tropical	Available	Available	-	Wood used for Furniture	-	-	Self Observed
Tree	Tunu	<i>Toona ciliata</i>	Sub-tropical	Available	Available	-	Wood used for Furniture	Medicinal	-	Self Observed
Tree	Toot	<i>Morus serrata</i>	Sub-tropical	Available	Available	-	Wood used for Furniture	Medicinal	Fruits are edible	Self Observed
Tree	Draink	<i>Melia azedarach</i>	Sub-tropical	Available	Available	-	Wood used for Furniture	Medicinal	-	Self Observed
Tree	Jamun	<i>Syzygium cumini</i>	Sub-tropical	Available	Available	-	Wood used for Furniture	Medicinal	Fruits are edible	Self Observed

additional information to be filled up by the concerned departments.

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					
Mammals	Gaay	<i>Bosindicus</i>	Local	-	Shed	Available	Available	Milk	N/A	No	Dairy products	-
Mammals	Bhains	<i>Bubblous</i>	Local/Hybrid	-	Shed	Available	Available	Milk	N/A	No	Dairy products	-
		<i>Bubalis</i>			Shed	Available	Available					
Mammals	Ghorda	Equus Caballus	Local/Hybrid	-	Stable	Available	Available	-	N/A	No	Loading purpose	-
Bird	Hen	Gallus gallus domesticus	Local/Hybrid	-	Stable	Available	Available	Meat, Egg	N/A	No	Meat , egg	-
Mammals	Gadda	Equus asinus	Local	-	Shed	Available	Available	-	N/A	No	Loading purpose	-
Mammals	Kutta	Cannis lupus	Local/Hybrid	-	House	Available	Available	-	N/A	No	-	-
Mammals	Billi	Felis Catus	Local	-	House	Available	Available	-	N/A	No	-	-
Mammals	Sheep	Ovis Aries	Local	-	Shed	Available	Available	Wool, Meat	N/A	No	Wool, meat	-
Mammals	Goat	Capra Aegagrus	Local	-	Shed	Available	Available	Meat, milk	N/A	No	Meat	-

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					
	Rohu	<i>Labeo rohita</i>	-	-	Pond	-	Available	Food	-	Limited	-	-
	Catla	<i>Catla catla</i>	-	-	Pond	-	Available	Food	-	Limited	-	-

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	Kau	Olea cuspidata	Tree	Sub-tropical	Available	Available	Own use	Stem, branches	Stem and branches are used for making handles of agricultural tools.	Unknown	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

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	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
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

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	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
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 vahlliwight	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

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	Timbru	Zanthoxylum armatum	Shrub	Sub-tropical/ Temperate	Available	Available	Own use	Fruit, Leaves, Stem, root etc	Medicinal value	Flavouring Agent	Self Observed
Shrub	Datura	Datura Inooxa	Shrub	Sub-tropical	Available	Available	Own use	Fruit	Intoxicant	Religious Value	Self Observed
Shrub	PanjjPhulli	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	Chamber	Artemisia Nilagrica	Shrub	Sub-tropical	Available	Available	Own use	Whole Plant	Medicinal Value	Traditional use	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 vulgris	Shrub	Sub-tropical	Available	Available	Own use	Growing Buds	Medicinal Value	-	Self Observed
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

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					
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
Herbs	Kadi Pata	Murraya koenigii	Herbs	Sub-tropical	Available	Available	Own use	Leaves	-	Traditional use	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					
Climber	Makora	<i>Lonicera quinelocularis</i>	Climber	Sub-tropical	Available	Available	Own use	Leaves	Medicinal Value	-	Self Observed
Grass	Bamboo	<i>Dendrocalamus Strictus</i>	Grass	Lower shiwalik	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S.No	Local Name	Scientific Name	Variety	Importance(as economic, social, cultural etc.)	Status
1	Kainth	Pyrus pashia	Wild	Social	Available
2	Kau	Olea cuspidata	Wild	Social	Available
3	Kambli	Berberies aristata	Wild	Soil Binder and Economic	Available
4	Fagada	Ficus palmata	Wild	fruit edible	Available
5	Shisham	Dalbergia Sissoo	Wild	Economical, Social	Available
6	Dhaman	Grewia optiva	Wild	Economical, Social	Available
7	Kalasree	Albizia lebbeck	Wild	Economical, Social	Available
8	Tunu	Toona ciliata	Wild	Economical, Social, Commercial	Available
9	Kharak	Celtis australis	Wild	Economical, Social	Available
10	Kamilla	Mallotus philippinensis	Wild	Economical, Social	Available
11	Draink	Melia azedarach	Wild	Economical, Social	Available
12	Kamila	Mallotus philippinensis	Wild	Economical, Social	Available

13	Krangal	Cassia fistula	Wild	Economical, Social	Available
14	Amla	Emblica officianalis	Wild	Economical, Social, Commercial	Available
15	Katriad	Bauhinia verigata	Wild	Economical, Social	Available
16	Bael	Aegel marmelos	Wild	Economical, Social	Available
17	Simbal	Bombyx ceiba	Wild	Economical, Social	Available
18	Flai	Acacia nilotica	Wild	Economical, Social	Available
19	Brankad	Adha toda vesica	Wild	economic	Rare
20	Amrood	<i>Psidium guava</i>			

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	Greenish or greyesh, pointed snout , long muscular hind limbs	Moist Areas	More	More	No direct use	Unknown	Unknown	Self Observed
Jook	<i>Hirudinea</i>	Wild	Segmented parasite	Moist areas	More	More	Medicinal use	Used for Therapy	Unknown	Self Observed
Sarkeed	<i>Brachyura</i>	Wild	Crustacean, thick exoskelton	Shores of rivers/pond	More	More	No direct use	Unknown	Unknown	Self Observed
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	Self Observed
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	Self Observed
Catla	<i>Catla catla</i>		-	Pond	-	-				

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

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	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
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

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	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
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 increase 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	<i>Scientific Name</i>	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
Chaleri	<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	<i>Syzzium cumini</i>	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	<i>Acacia modsta</i>	Wild	Sub-tropical	Available	Available	Teeth and gum diseases	Branches	-	Branches used for brushing teeth	Self observed
Tree	Amla	<i>Emblica officinalis</i>	Wild	Sub-tropical	Available	Available	Rich in Vitamin-c	Fruit	-	Edible	Self observed
Shrub	Timbru	<i>Zanthoxylum armatum</i>	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	<i>Ocimum sanctum</i>	Local	Moist soil/Temperate	Available	Available	Antioxidant, antiaging, treats Kidney stones, Relieves fever	Leaves	-	Leaves used in traditional medicines	Self observed
Shrub	Saunf	<i>Foeniculum vulgare</i>	Local	Humid/Temperate	Available	Available	Purify blood, improves eyesight	Fruit		Traditional use	Self observed
Shrub	Aloe vera	<i>Aloe vera</i>	Local	Sub-tropical	Available	Available	Medicinal Value	Whole Plant		Traditional use	Self observed
Herb	Brainkad	<i>Adhadoda vasica</i>	Local	Sub-tropical	Available	Available	Antiviral, antibacterial, anti-inflammatory	Leaves	-	Traditional use	Self observed
Herb	Pudina	<i>Mentha spicata</i>	Local	Near streams/Wet areas	Available	Available	Antiviral, antibacterial, anti-inflammatory	Leaves	-		Self observed

Herb	Methi	<i>Trigonella foenum-graecum</i>	Local	Sub-tropical	Available	Available	Balance cholestrol, maintain liver and health	Seeds	-	Traditional use	Self observed
Herb	Dhania	<i>Coriandrum sativum</i>	Local	Sub-tropical	Available	Available	Digestion problems	Leaves, Seeds	-	Traditional use	Self observed
Herb	Bang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Available	Available	Cure fever, dysentery sunstroke and give alertness to the body	Leaves	-	-	Self observed
Climber	Geloy	<i>Tinospora cardifolia</i>	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				
Chir	<i>Pinus roxburghii</i>	Sub-tropical	Available	Available	Resin/Firewood/ Wastewood	Wild	Wastewood used for plywood	Self Observed
Shisham	<i>Dalbergia sissoo</i>	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture and agricultural equipments	Self Observed
Kalasree	<i>Albizia lebbeck</i>	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Tunu	<i>Toona ciliata</i>	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Toot	<i>Morus serrata</i>	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Draink	<i>Melia azedarach</i>	Sub-tropical	Available	Available	Furniture	Wild	Wood used for Furniture	Self Observed
Jamun	<i>Syzygium cumini</i>	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	Bandar	<i>Innuus rhesus</i>	Arboreal/ Lives near habitation	Mostly found near the communities and forest rich in wild fruits	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 ahirs scattered throughout	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Mammals	Newla	<i>Herpestes edwarsi</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

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	Sae	<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
Mammals	Chamgadad	<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, Quinidurunal	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

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	Lundhi	<i>Haliaeetus leucocephalus</i>	Temperate	Endothermic, bilateral symmetry	All seasons	Available	Available	Unknown	Unknown	Non applicable	-	Locals
Birds	Kabutar	<i>Columba livia</i>	Forest	Dark bluish grey head, neck and chest, bilateral symmetry	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 folds	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 exoskeleton	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 septempunctata</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, polyphagous, 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	<i>Scientific Name</i>	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)

Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
Nil	Nil	Nil

End of Part II