Taluk: Ramnagar  District: Udhampur  State: J&K UT  Geographical Area of the Panchayat Samiti:  Population under the Panchayat Samiti: Total 2364  Male: 1260 Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man	
Taluk: Ramnagar  District: Udhampur  State: J&K UT  Geographical Area of the Panchayat Samiti:  Population under the Panchayat Samiti: Total 2364  Male: 1260 Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man	People Biodiversity Register (PBR): General Details
District: Udhampur  State: J&K UT  Geographical Area of the Panchayat Samiti:  Population under the Panchayat Samiti: Total 2364  Male: 1260 Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RE/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RE/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RE/Joint Forest Management (JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RE/Joint Forest Management (JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RE/Joint Forest Management (JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RE/Joint Forest Management (JGM)/Protected Areas(PA)/ Community Owned and Management (JGM)/Protected Areas(PA)/ Community Owned Areas(PA)/ Community Owned Areas(PA)/ Community Owned Areas(PA)/ Community Owned Areas(PA)/	Name of the Panchayat Samiti: Katheel Ganju East
State: J&K UT  Geographical Area of the Panchayat Samiti:  Population under the Panchayat Samiti: Total 2364  Male: 1260 Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management Regime)	Taluk: Ramnagar
Geographical Area of the Panchayat Samiti:  Population under the Panchayat Samiti: Total 2364  Male: 1260 Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man	District: Udhampur
Population under the Panchayat Samiti: Total 2364  Male: 1260 Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management Regime)	State: J&K UT
Male: 1260  Female: 1104  Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management Regime)	Geographical Area of the Panchayat Samiti:
Habitat and Topography: Hilly  Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management (Regime)	Population under the Panchayat Samiti: Total 2364
Climate (Rainfall, Temperature and weather patterns) Weather Patterns  Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Management Regime: Reserve Forest (RF/Joint Forest Management Regime)	Male: 1260 Female: 1104
Land Use (Nine fold classification available with village records)  Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man	Habitat and Topography: Hilly
Date, Month and Year of PBR Preparation: 24-08-2020  Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man	Climate (Rainfall, Temperature and weather patterns) Weather Patterns
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man	Land Use (Nine fold classification available with village records)
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Man Forest(COM):- Reserve Forests (RF)	Date, Month and Year of PBR Preparation: 24-08-2020
	Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and MarForest(COM):- Reserve Forests (RF)

А	n	n	ex	11	re

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: Darminder Singh S/o Sansar Singh

Age: 43 yrs

Gender: Male

Address: Tatodi Kathil East

Area of specialization:

2) Name: Darshan Singh S/o Durga Ram

Age: 50 yrs

Gender: Male

Address:

Area of specialization:

3)Name: Seema Sharma W/o Yashpal

Age: 50 yrs

Gender: Female

Address: Kathil East

Area of specialization:

4)Name: Anuradha W/o Parveen Singh

Age: 26 yrs

Gender: Female

Address: Kathil East

Area of specialization:

5)Name: Thakur Dass S/o Naka

Age: 61 yrs

Gender: Male

Address: Kathil East

Area of specialization:

6)Name: Shibil Singh S/o Dhani Ram

Age: 62 yrs

Gender: Male

Address: Kathil East

Area of specialization:

7)Name: Sandok Singh S/o Dharam Singh

Age: 67 yrs

Gender: Male

Address: Kathil East

Area of specialization:

	A
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological rewithin the jurisdiction of the village	esour
1)Name:	
Age:	
Gender:	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	
2) Name:	
Age:	
Gender:	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	
3)Name:	
Age:	
Gender:	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	

Annexure
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries and foresty
) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
2) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
3)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
l)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

	Ann
Details of sci the preparat	nools, colleges, departments, universities, government institutions, non-governmental organization and individuals inv ion of the PBR
1) Contact	Person:
Name an	d Address:
2) Contact	Person:
Name an	d Address:
3) Contact	Person:
Name an	d Address:
4) Contact	Person:
Name an	d Address:
You may ad	I 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 Local and Scientific Name of the Date and resolution of the BMC Anticipated mode of sharing benefits or quantum of benefits Name and address of the S.No biological material Accessed and and endorsement by the Detail of collection fee imposed Person/Institute/company others shared quantity Panchayat

#### Part II PBR – Formats AGROBIODIVERSITY

## Format 1: Crop Plants

1	2	3	4	5	6		7	8	9	10	11	12	13	14
Cwan	Scientific	Local	Variety	Landscape	Approx.	Local	1 Status	Supplied for this contract	Cropping	Uses	Associated	Other details	Source of	Community/ Knowledge Holder
Crop	Name	Name	variety	/ Habitat	(hectare)	Past	Present	Special features	season		ТК	Other details	Seeds/Plants	
Rice	Oryza sativa		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	Zea mays	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	Triticum aestivum	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

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.

Form	nat 2: Fruit Pl	lants										
1	2	3	4	5		6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Local	Status	Source of	Season of	Associated TK	Uses	Other details market /	Community / Knowledge holder
Tiant	Scientific Ivame	Local Name	variety	Habitat	Past	Present	Seeds/Plants	Fruiting	Associated TK	Oses	own use	
Apricot	Prunus armeniaca	Khobani	Improved	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Walnut	Juglans regia	Khode	Normal	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Peach	Prunus persica	Adu	Improved/ Local	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local

Format 3:	Fodder Crops	/ Species								
1	2	3	4		5	6	7	8	9	10
	Scientific	Local	Landscape /	Local	Status	Source of Plants /	Associated	Part		Community /
Plant	Name	Name	Habitat	Past	Present	Seeds	TK	Used	Other details	Knowledge holder
Sorghum	Sorghum spp.	Cherri	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
Maize	Zea mays	Makki	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
Bajra	Pennisetum americanum	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		7		9	10	11	12
					Landscape /	Local	Status				Other details like exotic	Community /		
Plant	Scientific Name	Local Name	Affected crop	Impact	Habitat	Past	Present	Uses if any	Management options	Associated TK		Knowledge Holder		
Dub Grass	Cynodon - dactylon	Dub Grass	Rabi/ Kharif		Hilly	Abundant	Abundant	Fooder	Mechanical, Chemical	-	Agri. & wasteLand	Farmers		
Wild oats	Avena fatua	Jangli Javi	Oats		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers		
Wild Rice	Echinochloa colona	Swanki	Paddy		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers		

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

Forn	nat 5: Pests of C	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	Agrotis ipsilon	Ludi/ Toka	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Field rats	Rattus meltada	fpri-	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Monkey	Macaca mulatta	Bander/ Tolo	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Porcupine	erethizon dorsatum	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: M	Format 6: Markets for Domesticated animals												
1	2	3	4	5	6	7	8	9					
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish					

#### NO ORGANISED MARKET

Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

Format 7: Peop	olescape									
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
		Animal Husbandry	Ariculture Landscape	Angriculture Resources of different nature	Plantation Construction of Road Check dams etc	Seasonal Practices	Sc, St, EWS	Normal	Permanent	

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

	1		2	3	4	5	6	7	8	9	10	11
Major	Landscape	s	Sub -	Features and					Management			Other
Agricultural Land	Pond	Fallow Land	Landscapes	approx. area	Ownership	General Flora	General Fauna	User groups	Practices	General Uses	Associated TK	Details
Agricultural Land	Maize orchad vegetable	Open land close land garden	Private	Wheat Maize, Bajra	Monkey, Rabbit, Porcupine, Rat, Pigeon, Sparrow	Locals	Crop ratation terrace farming	Food, oil, fodder vegetable			Locals	
Fallow Land			State/ Forest		Monkey, Rabbit, Porcupine, Rat, Pigeon, Sparrow	Locals					Locals	
Pond		Standing wtare for habitat for plants and animal	State, Forest and private	Algea pteridophytes fungal water lillies, grass etc	Fishes, frog snails. Snakes. Leech etc		De-silting dredging, blue pond dye etc	Drinking and irrigation purpose			Locals	

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

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

12 Community Accessed

Format 9: Wa	iterscape										
1	2	3	4	5	6	7	8	9	10	11	12
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
Pond		Standing water for habitat of plants and animal	Forest and Private	Algae, water hyacinth fern water lillies	Fishes, frog mosquito, snakes etc	Irrigation and drinking	Locals	Desilting blue pond dye dredging			Locals, wild
Nallah			Forest and Private	Algae, water hyacinth fern water lillies	Fishes, frog mosquito, snakes etc	Irrigation and drinking	Locals				Locals, wild
Bowli		Drinking Water	Forest and Private	Algae		Domestic	Locals				Locals, wild

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

Community Accessed

Format 10: Soil typ	pe						
1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil Management	Plants / Crop Suitable	Flora and Fauna	Associated TK	Other Information
Brown Soil	Brown pine Particles	Water holding capacity		Kharif & Rabi Crops	Earth worm bacteria fungi algae		
Alluvail Soil	Light brown porus	Water holding capacity		Kharif & Rabi Crops	Earth worm bacteria fungi algae		
Red Soil	Red	Water holding capacity		Cactus species Ganira Agave etc	Nematode around worm scorpion lichen		
Rockey Soil	Black	Hard texture		Brypohyte	Mosses, Lichen fungi alage		

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

Format	11: Fruit	Trees									
1	2	3	4	6		7	8	9	10	11	12
					Local	Status					Other details
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Past	Present	Source of Plant/Seeds	Season of Fruiting	Uses (usage)	Associated TK	Market/Own Use
Herbs	Jungli Pudina	Mentha		Lower Shiwalik	Abundant	Abundant	Roots		Leaves	NA	NA
Shrub	Branked	Adhatoda vasica		Lower Shiwalik	Abundant	Abundant	Seeds		Leaves	NA	NA
Shrub	Drainkdu	Murraya koenigii		Lower Shiwalik	Rare	Rare	Seeds		Leaves	NA	NA
Shrub	Thor	Euphorbia royleana		Lower Shiwalik	Abundant	Abundant	Seeds		Leaves	NA	NA
Tree	Amla	Phyllanthusemblica		Lower Shiwalik	Abundant	Abundant	Seeds		Leaves Fruit	NA	NA
Tree	Bair	Ziziphus mauritiana		Lower Shiwalik	Rare	Rare	Seeds		Steam	NA	NA
Tree	Drainkdu	Melia azedarach		Lower Shiwalik	Abundant	Abundant	Seeds		Leaves	NA	NA
Tree	Jamun	Syzygium cumini		Lower Shiwalik	Abundant	Abundant	Seeds	Maintain Sugar level in Human	Leaves Fruit	NA	NA
Tree	Mango	Mangifera indica		Lower Shiwalik	Abundant	Abundant	Seeds		Stem/Friut	NA	NA
Tree	Arjun	Terminalia arjuna		Lower Shiwalik	Rare	Rare	Seeds		Leaves/ Bark	NA	NA
Tree	Neem	Azadirachta indica		Lower Shiwalik	Rare	Rare	Seeds		Leaves/ Bark	NA	NA
Tree	Khair	Acacia catechu		Lower Shiwalik	Abundant	Abundant	Seeds		Leaves & Stem	NA	NA

13	
Community/ Know. Holder	

1	2	3	4	5	6		7	8	9	10	11	12
		3	<u> </u>	3	•		status	o o	,	10		12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of Plant/Seeds	Past	Present	Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
Herbs	Jungli Putana	Mentha		Lower Shiwalik	Roots	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Brankad	Adhatoda vasica		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Drainkdu	Murraya koenigii		Sub Tropical Area	Seeds	Rare	Rare	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Thor	Euphorbia royleana		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Tree	Amla	Phyllanthus emblica		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves Fruits	NA	NA	Generally held by Community
Tree	Bair	Ziziphus mauritiana		Lower Shiwalik	Seeds	Rare	Rare	Nil	Steam	NA	NA	Generally held by Community
Tree	Draink	Melia azedarach		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Tree	Jammun	Syzygium cumini		Lower Shiwalik	Seeds	Abundant	Abundant	Maintain Sugar Level in Human body	Leaves Fruits	NA	NA	Generally held by Community

Tree	Mango	Mangifera indica	Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Stem / Fuits	NA	NA	Generally held by Community
Tree	Arjun	Terminalia arjuna	Lower Shiwalik	Seeds	Rare	Rare	Nil	Leaves / Bark	NA	NA	Generally held by Community
Tree	Neem	Azadirachta indica	Lower Shiwalik	Seeds	Rare	Rare	Nil	Leaves / Bark	NA	NA	Generally held by Community
Tree	Khair	Acacia catechu	Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves and Stem	NA	NA	Generally held by Community
Tree	Lusada	Cordia dichotoma	Lower Shiwalik	Seeds	Rare	Rare	Nil	Leaves / Fruits	NA	NA	Generally held by Community

Format 13	3: Ornament	al Plants/ Trees	s/Climbers etc	2.					
1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of Plant/Seeds	Commercial/ Non- Commercial	Uses	Associated TK	Other details	Community/ Know. Holder
Climbers	Kareer	Rosa Acicularis	Local	Seed	Non Commercial	NA	NA	NA	NA
Tree	Ashoka	Polyanthia longifolia		Private Nursery	Non Commercial				
Climbers	Bougainvillea	Bougainvillea	Local	Private Nursery	Non Commercial				

Format 14	: Timber Pl	ants / Trees								
1	2	3	4	5	5	6	7	8	9	10
Dland Ton	Land Nama	Scientific Name	Habitat	Local	status	Wild/ Home-	Other	Associated TK	Other Details	Community/
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	Garden	Uses (Multi)	Associated 1 K	Other Details	Know. Holder
Timber	Mango	Mangifera indica	Lower Shivalik	Abundant	Abundant	Both	Own	NA	Nil	Generally held by Community
Timber	Safeda	Eucalyptus spp.	Lower Shivalik	Abundant	Rare	Wild	Commercial	Nil	Nil	Generally held by Community
Timber	Tali	Dalbergia sissoo	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally held by Community
Timber	Tuni	Toona ciliata	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally held by Community
Timber	Chir	Pinus roxburghii	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally held by Community

Format	Format 15: Domesticated Animals													
1	2	3	4	5	6	7	1	8	9	10	11	12		
Animal			Breed (local/	<b>.</b>		Local	status		Associated	Commercial	Other details including products	Community Know.		
Туре	Local Name	Scientific Name	hybrid)	Features	Method of keeping	Past	Present	Uses	TK	Rearing	and services	Holders		
	Gaay	Bosindicus	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Nil	Ghee, curd,Butter, kaladi,cheese	Farmer		
Cattle	Jersey	Bos Tarus	Jersey Hybrid	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd,Butter, kaladi,cheese	Farmer		
Cattie	HF	Bos Tarus	Hforos	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd,Butter, kaladi,cheese	Farmer		
	Sahiwal	Bosindicus	Local	Humped		Less	Large	drought milk	Milk good for brain	No	Ghee, curd,Butter, kaladi,cheese	Farmer		
Buffalo	Bhains	Bubblous	Local/Hybrid	I hymen logg	Semiintensive	Lamas	Lass	Milk	Dlaushina	No	Ploughing, carting	Farmer		
Бинаю	Bhains	Bubalis	Lоса/Hyбпа	Humpless	Semintensive	Large	Less	MIIK	Ploughing	NO	Floughing, carting	ranner		
Buffox	Saand	Bubblous	I 1/II-d i d	II	Semiintensive	L	I	Discolina	Dlanding	N.	Discoling	E		
		Bubalis	Local/Hybrid	Humpless	Semiintensive	Large	Less	Ploughing	Ploughing	No	Ploughing, carting	Farmer		
Goat	Bakri	Capra Hercus	Local/Hybrid	-	Domesticated	Available	Available	Milk, Meat	-	Yes	Meat, Milk,Hide	Farmer, Bakerwal,shepherd		
Sheep	Bhed	Ovisovis	Local/Hybrid	-	Domesticated	Available	Available	Meat	-	Yes	Meat and wool	Farmer, Bakerwal,shepherd		
Dog	Kutta	Cannis lupus	Local/Hybrid	-	Pet/Domesticated	Available	Available	Guarding	-	No	Guarding/security	Individual		

Cat	Billi	Felis Catus	Local	-	Domesticated	Available	Available	Pest Control	-	No	-	-
Horse	Ghorda	Equscabalus	Local/Hybrid	1	Domesticated	Available	Available	Drought	-	-	Drought, racing	Indiviual horse owner
Pig	Suar	Subscrofa	Local	-	free roaming	Available	Available	Meat	-	-	Meat	Pig owner
Mule		Equus asinus × Equus caballus	Local	-	Domesticated	Available	Available	Drought	-	-	drought	Mule Owner
Donkey	Gadda	Equus asinus	Local	-	Domesticated, free roaming	Available	Available	Drought	-	-	loading drought	Donkey owner

Uses include milk, meat, skin, fur and etc

1	2	3	4	5	6		7	8	9	10	11	12
F: 1 #		G : 4:0 N	***	T	Waterscape		al status	T.	Associated	Commercial	Other details	Community Know. Holders
Fish Type	Local Name	Scientific Name	Variety	Features	(Pond/Bheri/T alao)	Past	Present	Uses	TK	Rearing		

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

Format 17: Marl	kets / Fairs 1	for Domesticated Ar	nimals, N	Medicinal Plants and o	other products			
1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

## 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	Loca	l status	Commercial /	Part Collected	Associated TK	Other Details	Community
Plant Type	Local Ivallie	Scientific Name	Парц	Habitat	Past	Present	Own Use	rart Conected	Associated 1 K	Other Details	Knowledge Holder
Tree	Simbal	Bombax ceiba	Tree	Sub Tropical	Good	Moderate	Both	Timber / Fire Wood			
Tree	Saintha	Dodonaea viscosa	Shurbs	Sub Tropical	Good	Moderate	Both	Timber / Fire Wood			
Tree	Shisham	Dalbergia sissoo	Tree	Sub Tropical	Good	Moderate	Both	Timber / Fire Wood			
Herb	Brenker	Adhatoda vscosa	Herb	Sub Tropical	Good	Moderate	Own Use	Leaves			Locals
Herb	Bhang	Canabis sativa	Herb	Sub Tropical	Good	Moderate	Own Use	Leaves			Locals
Shrub	Aak	Ipomea cornea	Shrub	Sub Tropical	Good	Moderate	Own Use	Roots			Locals
Herb	Jojra	Xanthium strumarium	Shrub	Sub Tropical	Good	Moderate	Own Use	Leaves			Locals
Tree	Chir	Pinus roxburghii	Tree	Sub Tropical	Good	Moderate	Both	Timber/ Firewood			Locals
Tree	Khair	Acacia catechu	Tree	Sub Tropical	Good	Moderate	Both	Timber/ Firewood			Locals

rmat 19: Wild	Plant Species of Importa	nnce			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (as Economic, Social, Cultural etc.)	Status
1	Saintha	Dodonaea viscosa	-	Fire Wood	Good
2	Kanner / Lagendilka	Nerumindicum	-	Fire Wood	Good

Format 20: Ac	quatic Biodiversity	7								
1	2	3	4	5		6	7	8	9	10
					Local	l Status				Community/
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Community/ Knowledge Holder

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance	Trends

Format 22: V	ormat 22: Wild Plants of Medicinal Importance												
1	2	3	4	5		6	7	8	9	10	11		
					Loca	l Status							
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Past	Present	Associated TK	Uses (usage)	Part used	Other details Market/ Own Use	Community/ Knowledge Holder		
Tree	Behra	Terminalia Bellirica	Tree	Northern Sub- Tropical	Good	Good	Nil	Medicinal	Bark				

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide) Other details: Harvesting period /Perennial/annual/seasonal

Format 23:	ormat 23: Wild relatives of Crops												
1	2	3	4	5		6	7	8	9	10			
Tanal	Caian <b>4i</b> Ca				Status	T.	Dout	Associated		Community (Vancou			
Local Name	Scientific Name	Associated Crop	Landscape / Habitat	Past	Present	Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder			

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

Format 24: O	rnamental Plants						
1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non- Commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Panj tara	Tara spinosa	Shurb	Northern Sub-Tropical	Nil	Nil	Nil	Nil
Gulmohar	Delonix regia	Tree	Northern Sub-Tropical	Nil	Nil	Nil	Nil

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Dlant (Hank Chunk	Land	C = : = - 4 : C =			Loc	al Status	T.		Associated	Other Jetalla	Committee
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Past	Present	Uses (usage)	Part used	TK	Other details (mode of use)	Community knowledge holder

Format 26: Tin	nber Plants							
1	2	3	4	4		6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
Does Tunic	Scientific 1 tume	- Indicat	Past	Present	other eses, ir any	rissociated TI	Other Beams	Holder
Shisham	Dalbergia sisso	Sub-Tropical	Good	Moderate	Commercial / Own Use	Timber / Fire Wood		
Safeda	Eucalyptus spp.	Sub-Tropical	Good	Moderate	Commercial / Own Use	Timber / Fire Wood		

Format 27	Format 27 A: Coastal and Marine Flora										
1	2	3	4		5	6	7	8	9	10	
Plant Type	Local Name	Scientific Name	Habitat	Loc	al Status	Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder	
Trant Type	Local Name	Scientific (Value	Habitat	Past	Present	(if any)	(if any)				

Format 27	Format 27 B: Coastal and Marine Fauna										
1	2	3	4	5	5	6	7	8	9	10	
A i al T a	Lacal Name	Local Status Parts Commercial Uses  (form)	Other Uses	Associated TV	Community/ Knowledge						
Animal Type	<b>Local Name</b>	Scientific Name	Habitat	Past	Present	Collected (if any)	(if any)	Other Uses	Associated TK	Holder	

Format 28: Wild Animals	(Mammals, Birds, Re	eptiles, Amphibia, Insects, others)
1 01 111111 201 11 11111 11111	(1,141111114119, 1211 419, 110	penes, rimpinsia, inseces, seners,

1	2	3	4	5	6		7	8	9	10	11						
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	Status	Uses (if any)	Uses (if any)	V 40			Usos (if any)	Uses (if any)	Associated TK	Mode of Hunting,	
Animai Type	Local Name	Scientific Name	naonat	Description	seen	Past	Present		Associated 1 K	collecting (if any)	Other details						
Wild Animals	Leopard	Panthera pardus	North. Sub-Tropical	Nil	Nil	Good	Good										
Wild Animals	Squirrel	Sciuridae	North. Sub-Tropical	Nil	Nil	Good	Good										
Wild Animals	Pig	Suidae	North. Sub-Tropical	Nil	Nil	Good	Good										
Wild Animals	Monkey	Cercopithecidae	North. Sub-Tropical	Nil	Nil	Good	Good										
Wild Animals	Jackal	Canis aureus	North. Sub-Tropical	Nil	Nil	Good	Good										

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Community/
Knowledge Holder

		Format 29: Flora			URBAN BIODIVERSI	ГҮ
1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	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 3	0: Fauna				
1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)

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