Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominat local body ; not less than one third to be women and not less than 18% belonging to SC/ST)
1) Name of the Chairperson: Harjeet Singh
Age: 54 years
Gender: Male
Address: Karloop
Area of specialization: Sarpanch
2) Name: Susheela Devi
Age: 36 years
Gender: Female
Address: Karloop
Area of specialization: Social Worker
3) Name: Rajinder Kour
Age: 58 years
Gender: Female
Address: Karloop
Area of specialization: Social Worker
4) Name: Javed Ahmed
Age: 35
Gender: Male
Address: Karloop
Area of Specialization: Social Worker
5) Name: Satpaul
Age: 55 years
Gender: Male
Address: Karloop
Area of specialization: Social Worker
6) Name: Mohan Lal
Age: 64 years
Gender: Male
Address: Karloop
Area of specialization: Social Worker
7) Name: Ravi Kant
Age: 48
Gender: Male
Address: Karloop
Area of Specialization: Social Worker

Annexure-

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using l resources occurring within the jurisdiction of the village 1) Name: Age: Gender:	biologi
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 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name: Dwarka Nath
Age: 72
Gender: Male
Address: Karloop
Area of specialization: Progressive Farmer
2) Name: Shatter Gun
Age: 66
Gender: Male
Address: Karloop
Area of specialization: Progressive Farmer
3) Name: Shiv Ram
Age: 70
Gender: Male
Address: Karloop
Area of specialization: Progressive Farmer
4)Name: S. Jaswant Singh
Age: 60
Gender: Male
Address: Karloop
Area of specialization: Progressive Farmer
5) Name: Darshan Singh
Age: 65
Gender: Male
Address: Karloop
Area of Specialization: Progressive Farmer

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: Agriculture Department.
Name and Address: BC Guja- 9419158228
2) Contact Person: Education Department
Name and Address: Doli Mohan- 7298144814
3) Contact Person: Animal Husbandry
Name and Address: Surinder Kumar- 8803625208, Badyal Brahmana
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

						Annexure 5								
	Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing													
S.No	Name and address of the Person/Institute/company others	Local and Scientific N material Access	Name of the biological ed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared								

End of Part I

Format 1: C	Part II PBR – Formats AGROBIODIVERSITY rmat 1: Crop Plants														
1	2	3	4	5	6		7	8	9	10	11	12	13	14	
Сгор	Scientfic Name	Local Name	Description of the	Landscape /		Special features	Uses	Associated	Other details		Source of Seeds	Commununit / Known.			
erop	Sciencial Funite	Local Talle	variety	Habitat	sown(ha)	Past	Present	Special features	Uses	ТК	other details	Season	/ Plants	Holder	
			B-370 (Fine & Long duration)	Planes / Low		Plenty	Plenty	Basmati 370 is world wide known for its aroma		Lowered risk of heart disease, , Provides	Good source of Vitamin B and antioxidants, Vitamin B1, B6, Magnesium,	Kharif	Farmers / Department/		
Rice	Oryza sativa	Dhan/ Munji	Basmati 1121/(Coarse K39 K434 Rattana & Long duration	lying Areas		Plenty	Plenty	Medium tall Coarse Grains	Food & Fodder	r energy fragrance and taste, high in fiber, vitamins and minerals	Phosphorous, Selenium, Manganese,	(May to October)	Privaate Suppliers	Farmers	
Mash	Vigna mungo	Mhaa	PU-19	Warm / Humid of Sub tropical		Normal	Rare	High yielding Variety	Food	Source of Vegetable	-	Summer/ Kharif	Farmers / Department/ Privaate	Farmers	
			Utra	region		Normal	Rare			Protein			Suppliers		
Wheat	Triticum aestivum	Kanak	HD2967,PBW644	Cool Climate during early part of its growth		Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Bread making	Rabi	Farmers / Department/ Privaate Suppliers	Farmers	
Peas	Pisum sativum	Matar	Rachna	Cool & dry		Normal	Normal	Early maturing &High yielding	Food	Source of Protein/Energy	Used as Vegetable	Rabi	Farmers / Department/ Privaate Suppliers	Farmers	
Onion	Allium cepa	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas		Normal	Normal	Bulbs Cash Crop	Vegetables	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Privaate Suppliers	Farmers	
Mustard	Brassica juncea/ Brassica comprestris	Sarson	Pusa Bold/ KOS -1	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	oil for Food	Source of energy	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers	

Gobhi Sarson	Brassica napus	Gobhi Saria	GSL-1,DGS- 1 ,Local	Cool & dry	Normal	Rare	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy, calcium, copper, potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Potato	Solamum tuberosum	Aalo	Kufri Sindhuri,Kufri Badsha, local	Potato is an herbaceous annual,requirs cool weather,mostly rainfed conditions	Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	tubers are used as	of Fibre, prevent heart	High carbohydrate,provi de high n energy value	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Sugarcane	Saccharum officinarum	Ganna	COJ-64,COJ-81	Sub Tropical	Rare	Rare	Long duration crop for Nine months	Food	Source of energy in the shape of Gur/Sugar	Sugar cane Juice used as prefered drink for instant source of energy during summer besides beating heat	Spring season	Farmers / Department/ Privaate Suppliers	Farmers
Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,grows well warm humid conditions	Normal	Rare	Pungency and flavor	Used as spice ,medicina l value	Improve Skin regime, Pain Reliever, Digestive and ulcer preventative	Contains good ammount of vitamin A&C	winter season	Farmers / Department/ Privaate Suppliers	Farmers
Tomato	Solanum lycopersicum	Tamater	Pusa rubi,Pusa early dwarf, Manisha Plus/local	Warm season crop	Normal	Normal	Stems are woody and weak, and tend to vine over other types of plants.	Used as vegetable ,sala d, soup,Souce	rich source of Ascorbic acid	Tomatoes are also packed with vitamins A and C, calcium, potassium.	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Okra	Abelmoschus esculentus	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropicall vegetablHot and humid climate	Normal	Normal	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains dieta fibers,protein and carbohydratesry	Summer/ Kharif	Farmers / Department/ Privaate Suppliers	Farmers

Cucumber	Cucumis sativus	Kheera	Kheera local,JL	Grows in all climatoic conditions,Tropic al,Sub tropical &temprate	Normal	Normal	Limbing annual bearing elongated thick cylendrical fruit	Mainly used as salad	-	It also used asantipyretic and causing cooling effect	Summer/ Kharif	Farmers / Department/ Privaate Suppliers	Farmers
Bottle gourd	Lagenaria siceraria	Lokki	PSPL/Punjab Long	Summer &rainy season crop	Normal	Normal	Vines vigrous, profusly branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/ kharif	Farmers / Department/ Privaate Suppliers	Farmers
Bitter gourd	Momordica charantia	karela	Pusa Domausmi/Kundan	Warm and Humid climate	Normal	Normal	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/ kharif	Farmers / Department/ Privaate Suppliers	Farmers
Beans	Phaseolus Spp.	Phaliya	Contender	Cool weather crop/Sandy/loam y soil	Normal	Normal	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,VitamineB 1,B2 <b6 and<br="">Maganese</b6>	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
Cauliflower	Brassica oleracae var.botrytis	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate	Normal	Normal	White and tender head ,curdformed from shortened flower part	Curd Mainly used as vegetable	-	Also good sourse of protein,carbohydra te,phasphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Cabbage	Brassica oleracae var.capitata	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate	Normal	Normal	Round head withlight to dark green colour	Head Mainly used as vegetable,salad	-	Also good sourse of protein,carbohydra te,phasphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Knol khol	Brassica oleracae var.gongyloides	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical	Abundant	Normal	Swollen stem ,grren/purple with long and broad leaves		-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Spanich	Beta vulgaris	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	Abundant	Normal	Tender green leaves & root used as Vegetable	Tender green leaves used as leafy Vegetable	-	Vitamins A and C, fiber, folic acid, and other nutrients	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Radish	Raphanus sativus	Mulli	Japanes White Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils		Abundant	Normal	Tender green leaves &roots used as Vegetable	Modified Roots are used as Vegetabke & Salad		Full of vitamin A, C, E, B6, potassium, and other minerals,	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Turnip	Brassica rapa	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&interme dite	Nil	Abundant	Normal	Modified Root is eatable	Root is used as Vegetable ,Sal ad,.	Nil	Good source of Vit.C,Dietry Fiber & Potasium	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Exocitic Vegetables (Brocoli/ Chinese cabbage/ Capsicum etc)	Brassica oleracea var. italica/Brassica oleracea var. capitata/ Capsicum	Nil	Prevelent Hybrid varieties	Cool &moist climate/sub tropical&interme dite	Nil	Rare	Normal	All Plants Carts and Fruits are eadable Ric Source of antioxidents	Salad and Vegetable	Nil	Ric Source of Multivitimins, Minierals and Antioxidents	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Format-2 :	Fruit Plants											
1	2	3	4	5		6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape	Local Status		Source of Seeds /	Season of	Associated	Uses	Other Details	Community /Knowledge
	Scientific Ivanic	Local Maine	Variety	/Habitat	Past	Present	Plants	fruiting	ТК	0303	markt / own use	Holder
Mango	Mangifera indica	Aam	Desi, Dusheri, Malta	Plains/Low lying areas	Plenty	Plenty	Nurseries	Jun-Aug	Fruit, Pickle, Preserves		Marketing, Own Use	
Citrus Fruit	Citrus spp.	Khatti, Galgal, Nimbu, Santra, Kinnoo etc.	Local Selection, Kagzi Lime etc.	Plains/Low lying areas	Normal	Rare	Nurseries	Through Out Year	Fruit, Pickle, Squashes etc		Own Use	
Litchi	Litchi chinensis	Litchi	Culcatta, Dehradun	Plains/Low lying areas	Normal	Rare	Nurseries	Jul - Aug	Fruit		Own Use	
Guava	Psidium guajava	Amrood	Local, L49 etc.	Plains/Low lying areas	Normal	Rare	Nurseries	Jul - Aug	Fruit		Own Use	
Ber	Ziziphus mauritiana	Ber	Gola, Varanasi	Tree, Regular Bearing	Normal	Normal	Local	Jul - Aug	Fruit		Own Use	
Jamun	Syzygium cumini	Jamun	Local Selection	Plains/Low lying areas	Normal	Normal	Nurseries, Local Raised, Wild	Jul - Aug	Fruit		Marketing, Own Use	

Pomegranate	Punica granatum	Anaar, Druni	Ganesh, Kandhari, Local	Plains/Low lying areas	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug	Fruit, Anardana	Own Use	
Peach	Prunus persica	Aaroo	July Elberta, Quetta	Plains/Low lying areas	Rare	Rare	Nurseries	Jun - Jul	Fruit	Own Use	
Strawberry	Fragaria × ananassa	Strawberry	Chandlar	Plains/Low lying areas	Rare	Rare	Nurseries	Mar - Apr	Fruit	Marketing	
Papaya	Carica papaya	Papita	Local	Plains/Low lying areas	Rare	Rare	Nurseries, Localy Raised	Aug - Oct	Fruit	Own Use	

Format 3	3:-Fodder Cr	ops / Species											
1	2	3	4	5	6	7	8	8	9	10	11	12	13
					Area	Landscape/	Local	Status			Other	Sources of Seeds	Community Kn.
S. No.	Plant	Scientific Name	Local Name	Habit	(Approx.)Rabi/ Kharif	Habitat	Past	Present	Part Used	Associated TK	details(mode of use)	and Plants	Holders
1	Barseem	Trifolium alexandrium	Chhatala	Annual	8030	Sub Humid & moderately cool	Abundant	Abundant	Entire Plant	Nutritious & palatable fodder, Source of energy for animals	Fodder	Farmers / Department/ Privaate	Farmers
2	Oats	Avena spp.	Javi	Annual	8030	Cool & moist climate	Abundant	Abundant	Above ground part of plant	Nutritious & palatable fodder,	Fodder	Suppliers	Farmers
3	Sorghum	Sorghum spp.	cherri	Annual		Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Fodder	Farmers / Department/	Farmers
4	Maize	Zea mays	Makki	Annual	- 6840	Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Food & fodder	Privaate Suppliers	Farmers

						Format	-4 : Weed	s					
1	2	3	4	5	6	7		8	9	10	11	12	13
C.N.	Diant	Seizer d'Ca Nama	LandNama		п.1.4	Landscape/	Loca	ll Status	U	Management	A see stated THZ	Others date the	Community Kn.
S. No.	Plant	Scientific Name	Local Name	Affected Crop	Habit	Habitat	Past	Present	Uses if any	options	Associated TK	Other details	Holders
1	Barnyard Grass	Echinochloa crusgalli	Swank	Paddy	Annual	Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers
2	Carrot grass	Parthenium hysterophorus	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Nil	Nil	Farmers
3	Lamb's quarters	Chenopodium album	Bathua/ Kanah/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Abundant	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein,Vit. A, Calcium , Phosporous & potash	Annual feed & fermentation of Beverages	Farmers
4	Nut Grass	Cyprus rotundus	Dilla/Motha	Paddy,maize,sug arcane,vegetable	Perennial	Agri. & Non Agri. Land	Abundant	Normal	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers
5	Bur Clover	Medicago denticulata	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Abundant	Normal	Fodder,vegetable & green manure	Mechanical, Chemical	Nil	Improves Soil fertility	Farmers
6	Canary Grass	Phalaris minor	Sitti/gilli danda	Wheat Grass Peas, mustard	annual	Agri. Land	Abundant	Normal	Fodder & forage	Mechanical, Chemical	Source for High quality protein	Nil	Farmers
7	Meadow Pea	Lathyrus aphaca	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Abundant	Normal	Fodder	Mechanical, Chemical	Nil	Nil	Farmers
8	Canada Thistle	Cirsuim arvense	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Abundant	Normal	Nil	Mechanical, Chemical	Nil	Nil	Farmers
9	Bang	Cannabis indica	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Abundant	Normal	Nil	Mechanical, Chemical	Nil	Nil	Farmers

10	Nilibuti	Ageratum conyzoides	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Abundant	Normal	Nil	Mechanical, Chemical	Nil	Nil	Farmers
11	Dub Grass	Cynodon dactylon	Dub Grass	Rabi/ Kharif	Perennial	Agri. & wasteLand	Abudant	Normal	Fooder	Mechanical, Chemical	Nil	Nil	Farmers
12	Wild oats	Avena fatua	Jangli Javi	Oats	Annual herb	Agri. & waste Land	Normal	Rare	Fodder	Above ground parts	Nil	Nutrative Fodder for Animals	Farmers
13	Wild Rice	Echinochloa colonum	Swanki	Paddy	Annual herb	Agri.Land	Normal	Rare	Fodder	Above ground parts	Nil	Nutrative Fodder for Animals	Farmers
14	Jhonson Grass	Sorghum helepense	Beru grass	Sorghum	Perinneal	Agri. Land	Normal	Rare	Fodder	Above ground parts	Nil	Nutrative Fodder for Animals	Farmers

					Format-5: Pe	ests of Crops				
1	2	3	4	5	6	7	8	9	10	11
S. No.	Insect /Animal	Scientific Name	Local Name	Habit	Habitat	Time/Season of Attack	Management Mechanism	Associated TK	Other details	Community Kn. Holders
1	Mustard aphid	Lipaphis erysimi	Aphid	Sucking pest	Attacks mustard & other cucurbit crops	Dec-March	Timely sowing of crop & Chemical, Biological & Mechanical	Nil	Major threat to oil seed crops of Rabi	Farmers
2	Termite	Microtermis obesi/ Odontoremes obesus	Telle	Chewing & bitting	Wheat & other crops	Nov-May	Cultural & Chemical measures	Nil	Major threat to unirrigated crops	Farmers
3	Blister beetle	Mylabris spp.	Ghori	Chewing & bitting	Attacks Maize, Bhindi & Pulses	June-Oct	Mechanical& Chemical measures	Nil	Insectivorous feed on grasshopper	Farmers
4	Cereal leaf Beetle	Oulma melanopus	Nil	Chewing & bitting	Attacks Maize	Aug-Sep	Chemical measures	Nil	Most recent occurrence	Farmers
5	Red Pumpkin Beetle	Raphidopalpa foveicellis	Lal Kaddu Beetle	Chewing & bitting	Cucurbits	March-Oct	Chemical measures	Nil	Most common in fields of Cucurbits	Farmers
6	Cucurbits fruit fly	Bactrocera cucurbitae	Melon fly	Chewing & bitting	Attacks Pumpkin, cucumber & gourds	Throughout the year	Mechanical & Chemical, Pheronon trap	Nil	Danger to all cucumber crops	Farmers

7	Maize stem Borer	Chilo partellus	Sundi /Tana- shedak	Chewing & bitting	Attacks Maize, sorghum , Bajra & sugarcane	July to sept	Mechanical& Chemical measures	Nil	Causes dead hearts in young plants	Farmers
8	Grasshopper	Hygro blasses Negro / Hieroglyphus nigropletus	Tidi	Maize and Paddy	Maize, Paddy, Jojr Bajra	July to sept	Mechanical& Chemical measures	Nil	Eats leaves	Farmers
9	Rice Gandi Bug	Leptocorzia varcornis	Gandi Bug	Paddy	Paddy at miliking stage	July to Oct.	Mechanical& Chemical measures	Nil	Pierce the grains at miliking stage	Farmers
10	Army worm	Spodoptera Frugiperda	Caterpiller	All Crops	Defoliaties Major crops	Through the year	Mechanical& Chemical measures	Nil	Defoliates all crops	Farmers
11	Leaf Floder	Cnaphalocrocis meddialis	Ctter Pillers	Feeds on leavs abd stem	Attacts on Paddy Leaves	June to Oct.	Mechanical& Chemical measures	Nil	Major threats	Farmers
12	Stem Borer	Tryporza incrtules	Tana shedat/ Catter pillers	Bores into stem results into dead heart	Crops Plants	June to Oct.	Mechanical& Chemical measures	Nil	Major threats	Farmers
13	Cut worm	Agrotis ipsilon	Ludi	Cuts stem and leaves	Wheat sorguham maize and other	Throughout the year	Mechanical& Chemical measures	Nil	Major threats	Farmers
14	White Fly	Aleyrodidae	Nil	Suks the shap of plants	Sobin Bhindi and all pulses crops	April to Oct.	Chemical measures	Nil	Major threats	Farmers
15	Field rats	Ratus meltada	Chouha	Nocturnal in habit	Attacks all crops	Throughout the year	Mechanical& Chemical measures	Nil	Lives in burrows opening hidden in bushes	Farmers

Format 6: Mar	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					
	THERE IS NO ORGANISED MARKET IN THE MUNICIPALITY FOR ANY OF THE SPECIES OF ANIMALS LISTED IN FORMAT 15												

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: Peoj	plescape									
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
3772	Farming - Agriculture & Horticulture	-	Agricultural	Wheat (Winters), Rice (Summer)	Mulching, Watering, Staking, Fertilization, Weed Control	Stripcropping, Grassed Waterways	SC,ST	Middle Class	Permanent Settlers	718

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: I	ormat 8: Landscape													
	1		2	3	4	5	6	7	8	9	10	11	12	
Major	Landsca	pes	Sub -	Features and			General		Management	~ .	Associated		Community	
Agricultural land			Landscapes	approx. area	Ownership	General flora	fauna	User groups	practices	General uses	ТК	Other details	accessed	
Cu	Cultivated		Cultivated	Fertile Land	Private	Trees, Plants, Herbs, Shrubs	Rodents, Insects	Villagers/Locals	Crop Rotation, Terracing	Cultivation	Used for Farming	Nil	Low income communities	
Non-Cu	ltivated L	and	Non-Irrigated Land	Less Fertile	Govt./private	Marshy/Swampy plants	Insects and Amphibians	Villagers/Locals	Crop Rotation, Terracing	Cultivation	Available for Farming	Nil	Low Income Communities	
Irrig	Irrigated Land		Irrigated Land	Fertile Land	Private Land	Rice, Vegetables, Flowers etc.	Amphibians, Insects	Zamindars	Canals, Channels, Khuls, Distributories etc.	Crop Cultivation	Available for Farming	Nil	Every Community	
Graz	zing Land	l	Non-cultivated	Lush Green	Govt. Land	Plants, Herbs	Rodents, Insects	Villagers/Locals	Nil	Animal Grazing	NA	Nil	Every Community	

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

Format-9:	Watersca	ıpe										
1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape	Sub-type	Features and Approx. area	Ownership	General flora	Genreal fauna	Major Uses	User group	Management practices	General uses	Assocaited TK	Other details	Community accessed
Ponds	Talab	During Rainy Season	State	Crops like fruits, vegetables, flowers	Frogs , Tadpoles, snakes, snail,	Cattles, Irrigation, Washing Cloths etc.	Locals					
Tube well	Nil	Nil	State	Nil	Nil	Cattles, washing cloths, Drinking etc	Locals	Nil				
Canals	Khuls	Irrigational Khulls	State	Crops like fruits, vegetables, flowers	Frogs, Tadpoles	Cattles, washing cloths, irrigation, etc	Locals	Nil				
Hand pumps	Nil	Nil	Private and Stae	Nil	Nil	Cattles, washing cloths, Drinking etc	Locals	Nil				

Format-10: S	Soil Type						
1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil Management	Plants / crop suitable	Flora and Fauna	Associated TK	Other information
Sandy loam	Moderately course Sand-65%, Silt-20%, Clay-15%	N-low, P-medium, K-medium	NA	Wheat, Maize, Pulses, Vegetables and Fruits such, Potatoes, Cucumber, Beans, Spinach, Tomatoes, Carrots, Watermelons, Radishes	Both	NA	Organic carbon 0.35-0.44 (low) Grittyleaves smear on hand, does not ribbonbreaks into small pieces
Loamy Sand	Coarse to very coarse Sand-82%, Silt-10%, Clay-8%	N-low, P-medium, K-high	NA	Wheat, Maize, Millets, Pulses, Vegetables and Fruits such as Potatoes, Cucumber, Beans, Spinach, Tomatoes, Carrots, Watermelon, Radishes	Both	NA	Organic carbon 0.45-0.55 (low) Grittydoes not ribbon or leave a stained smear on hand
Clay Loam	Moderately fine Sand-34%, Clay- 33%, Silt-33%	N-low, P-medium, K-medium	NA	Paddy, Wheat, Maize, Pulses, Oil seeds, Sugarcane Cruciferous vegetables such as broccoli and cabbage and other vegetables and Fruits such as tomatoes, green beans, cucumbers, Onions, Cauliflower, Potatoes, Peas, Beans, Carrots, Pumpkins, Radishes,	Both	NA	Organic carbon 0.40-0.50 (low) Forms ribbon; clays form longer ribbons than clay loams. Clay loam feels gritty
Silty clay loam	Moderately fine Silt-52%, Clay-35%, Sand-13%	N-low, P-medium, K-medium	NA	Paddy, Wheat, Maize, Pulses, Oil seeds, Sugarcane Cruciferous vegetables such as broccoli and cabbage and other vegetables and Fruits such as tomatoes, green beans, cucumbers, Onions, Cauliflower, Potatoes, Peas, Beans, Carrots, Pumpkins, Radishes,	Both	NA	Organic carbon 0.42-0.50 (low) Forms ribbon; clays form longer ribbons than clay loams

Format 11: Fr	uit Trees											
1	2	3	4	6	,	7	8	9	10	11	12	13
Plant	Local Name	Scientific Name	Variety	Landscape /Habitat	Local	Status	Source of Seeds / Plants	Season of fruiting	Associated TK	Uses	Other Details markt / own use	Community /Knowledge
				/Habitat	Past	Present	Tiants	nunng			markt / own use	Holder
Mango	Aam	Mangifera indica	Desi, Dushari , Malta	plains	plenty	plenty	Nurseries	June- August		Fruit,Picking, Preserves	Marketing, own use	
Citrus Fruits	Khatti, Mosambi, santra, Nimbu,	Citrus spp	Local,Kagzi lime, Italian limeHill lemon etc	plains	Normal	Normal	Nurseries	throughout year		Fruit, picking Squashes etc.	Marketing, own use	
Litchi	Litchi	Litchi chinensis	Calcutta Dehradun	plains	Normal	Normal	Nurseries	June- August		fruit	Marketing	
Guava	Amrood	Psidium guajava	Local, Allahabadi, Safaida	plains	Normal	Normal	Nurseries	June- August		fruit	Marketing, own use	
Grapes	Angoor	Vitis vinifera	Local Dakh perlette	plains	Rare	Rare	Nurseries	June- August		fruit	Own use	
Aonia	Ambla	Phyllanthus emblica	local selection NA-7	Plains	Rare	Rare	Nurseries local collection	Nov- Dec.		picking, fruit juices	Marketing, own use	
Jamun	Jamun	Syzygium cumini	local selection	plains	plenty	Plenty	Nurseries, local raised	July- August		fruit	Marketing, Own use	
Pomegranate	Anar, Druni	Punica granatum	Ganesh, Kandhari local	plains	Rare	Rare	Nurseries, local raised, wild	May- August		fruit, anardana	Own use	
pear	Nakh	Pyrus app	Patharmakh, china pear	plains	Rare	Rare	Nurseries	August-Sept		fruit	Own use	

Peach	Aaroo	Prunus persica	July Elberta, quetta	plains	Rare	Rare	Nurseries	June-July	fruit	own use	
Strawberry	Strawberry	Fragaria x ananassa	chandler	plains	Rare	Rare	Nurseries	March-April	fruit	Marketing	
Karonda	gernay	Carissa carandas	local	plains	Rare	Rare	Nurseries, wild	June-August	fruit	own use	
Рарауа	Papita	Carica papaya	local	plains	Rare	Rare	Nurseries, locally raised	August- October	fruit	own use	

Format 12: M	Iedicinal Plant	s (Herbs, Shrubs, 7	Frees etc.)									
1	2	3	4	5		6	7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local	Status	Source of	Season of	Uses (usage)	Associated TK	Other details market/own	Community/ Know. holder
Flant Type	Local Name	Scientific Nume	variety	Lanuscape/ Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	use	Community/ Know. noider
Herbs	Tarad	Dioscorea belophylla		Sub-Tropical area	Rare	Rare	Seed			N.A	N.A	Generally, held by community
Herbs	Jungli putna	Mentha arvensis		Sub-Tropical area	Normal	Normal	Root			N.A	N.A	Generally, held by community
Shrubs	brankad	Adhatoda vesica		Sub-Tropical area	Normal	Normal	Seed			N.A	N.A	Generally, held by community
Shrubs	Drainkdu	Murraya koenigii		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Bhang	Cannabis sativa		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Bill-Patre	Aegle mermelos		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Drankh	Melia azedarach		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Jaman	Syzygium cumini		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Mangoo	Mangifera indica		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Rumbal	Ficus racemosa		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Sree	Albizzia lebbeck		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Talli	Dalbergia sissoo		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Amla	Phyllanthus emblica		Sub-Tropical area	Normal	Normal	Seed			N.A	N.A	Generally, held by community
Tree	Neem	Azadirecta indica		Sub-Tropical area	Normal	Normal	Seed			N.A	N.A	Generally, held by community
Shrubs	Bhang	Cannabis sativa		Sub-Tropical area	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community

Format 13: Or	rnamental Plan	ts/ Trees/Climbe	rs etc.						
1	2	3	4	5	6	7	8	9	10
Plant Type	Local name	Scientific name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder

Format 14: 7	Timber Plants	/ Trees								
1	2	3	4	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other uses	Associated TK	Other details	Community/ Know.
riant Type	Local Maine	Scientific Ivame	парна	Past	Present	garden	(multi)	Associated TK	Other details	holder
Tree	Kiker	Vachellia nilotica	Lower shiwalik	Rare	Rare	Wild	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Mangoo	Mangifera indica	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundant	Wild	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundant	Abundant	Wild	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Wild	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundant	Abundant	Wild	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Popular	Populus ciliata	Lower shiwalik	Rare	Abundant	Wild	Commercial/ Own	Nil	Nil	Generally, held by community
Tree	Jammun	Syzygium cumini	Lower shiwalik	Abundant	Abundant	Wild	Commercial/ Own	Nil	Nil	Generally, held by community

Format (15: Dome	sticated Anima	lls									
1	2	3	4	5	6		7	8	9	10	11	12
Animal	Local	Scientific Name	Breed (local/	Features	Method of	Local	Status	Uses	Associated TK	Commercial	Other details including	Community
Туре	Name	Sciencine Tunie	hybrid)	i cutur to	keeping	Past	Present	0.505		rearing	products and Services	Know.Holders
	Gau	Bos indicus	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil	No	Milk	All
Cattle	Jersy Gau	Bos taurus	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil	yes	Milk	All
	Amrecan Gau	Bos taurus	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Buffalo	Manj	Bubalus bubalis	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All
Bullaio	Punjabi Mais	Bubalus bubalis	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Horse	ghoda	Equus caballus	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
	Parrot	Psittaciformes	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
	Pigeon	Columbidae	Local	white color , fast growing	Backyard	few	Decrease	decorative	Nil	No	nil	All
Dog	Kutta	Canis familaries	Local	Nil	Pet ,Stray	Abundant	Abundant	Nil	Nil	No	Nil	All / stray
Cat	Billi	Felis catus	Local	Grey /white color	Pet ,Stray	Abundant	Abundant	pet	Nil	No	Nil	All / stray

1	2	3	4	5	6		7	8	9	10	11	12
					Waterscape	Loca	l status			Commercial		Community Know
Fish Type	Local Name	Scientific Name	Variety	Features	(Pond/Bheri/T alao)	Past	Present	Uses	Associated TK	Rearing	Other details	Holders
				-	There is no cultu	are Fisheries	s taken up in 1	this panchayat				

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

Format 17: Marke	ts / Fairs for D	Domesticated Anima	ls, Medicir	nal Plants and 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

Format 18	: Trees, Shru	ıbs, Herbs, Tubers,	Grasses, C	Climbers etc.							
1	2	3	4	5		6	7	8	9	10	11
Diant Tring	Local Name	Scientific Name	Habit	Habitat	Loca	l status	Commercial / own	Part collected	Associated TK	Other	Community Knowledge
Plant Type	Local Name	Scientific Name	пари	nabitat	Past	Present	use	rart conected	Associated TK	details	Holder
Tree	Shisham	Dalbergia sisoo	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Stem, Timber	-	-	-
Tree	Khair	Acacia catechu	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	Katha	-	-
Tree	Amla	Phyllanthus emblica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	Food processing	-	-
Tree	Siris	Albizziz lebbeck	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Krangal	Cassia fistula	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Ber	Ziziphus jujuba	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Tree	Plash	Butea monosperma	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Jamun	Syzygium cumini	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Amb	Mangifera indica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Tree	Kiker	Acacia nilotica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Sagwan	Tectona grandis	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-

Tree	Safeda	Eucalyptus	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Bel	Aegle marmelos	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Leaves/ Fruit	-	-	-
Grass	Bamboo	Dendrocalamus strictus	Grass	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Sticks	-	-	-
Herbs	Bhang	Cannabis sativa	herbs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Leaves	-	-	-
Shrub	Jojra	Pupalia lappacea	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	_	-	-	-
Shrub	Gandila	Nerium indicum	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Flower	-	-	-
Shrub	Pansar	Wendlandia heynei	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	_	-	-	-
Herbs	congress Grass	Parthenium hysterophrous	herbs	Northern/Sub- Tropical	Good	Moderate	_	_	-	-	-
Tree	Badh/Sacred Fig	Ficus religiosa	Tree	Northern/Sub- Tropical	Good	Moderate	_		-	-	-
Tree	Phulai	Acacia modesta	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Climber	Tarad	Dioscorea belophylla	Climber	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Roots			
Climber	Jungli bitter melon	Momordica charantia	Climber	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit			
Climber	Purple yam	Dioscorea alata	Climber	Northern/Sub- Tropical	Good	Moderate	_				
Climber	Striped cucumber	Diplocyclos palmatus	Climber	Northern/Sub- Tropical	Good	Moderate	-				

Format 19:	Wild Plant Species of I	Importance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Status
1	Brenker	Adhatoda vasica	Shrub	Medicinal	Good
2	Bhang	Cannabis sativa	Shrub	Medicinal	Good
3	Aakh	Ipomea carnea	Shrub	Medicinal/Soil binder	Good
4	pansar	Wendlandia heynei	Shrub	Firewood	Good

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Format 20: A	Aquatic Biodive	ersity								
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
					Past	Present				holder
Snail	Gastropoda		Land snails have a strong muscular foot, they use mucus to enable them to crawl over rough surfaces and to keep their soft bodies from drying out.		Good	Good	-	-	-	
Carp	Cyprinus carpio		Dorsal fin base longh wioth 17-22 branched rays and a strong toothed spine in front, pharyngeal teeth 5:5 teeth with flattened crowns.		Rare	Rare	·	-	-	
Sago pondweed	Potamogeton pectinatus		Is a perennial ata a fast rate, it is in flower from may to september. The species is hermaphrodite (has both male and female organs) and is pollinated by wate. It is noted for attracting wildlife.		Good	Good	-	-	-	
Lotus	Nelumbo nucifera		Edible, with rhizome ,seeds, and leaves have been used as folk medicine, ayurveda and oriental medicine		Good	Rare	-	-	-	
Water Spinach	Ipomoea aquaticum		It contains abudnat quantities of water, iron, vitaminC, Vitamin A and other nutrients		Good	Good	-	-	-	
Watercress	Nasturtium officinale		It contains a plethora of antioxidants, which may lower your risk of heart disease and several types of cancer it's also a good source of minerals that protect your bones		Good	Good	-	-	-	

ormat 21:	Wild Aquatic Plant S	pecies of Importance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends
1	Lotus	Nelumbo nucifera	-	Edible, with rhizome ,seeds, and leaves have been used as folk medicine, ayurveda and oriental medicine	-
2	Water Spinach	Ipomoea aquaticum	-	It contains abudant quantities of water, iron, vitamin C, Vitamin A and other nutrients	-
3	Watercress	Rorippa nasturtium - aquaticum	-	It contains a plethora of antioxidants, which may lower your risk of heart disease and several types of cancer it's also a good source of minerals that protect your bones	-

Format 22	: Wild Plants	of Medicinal I	mportance								
1	2	3	4	5		5	7	8	9	10	11
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/	Local	status	Associated TK	Uses	Part used	Other details	c.knowledge
shrub,tree)		Scientific Hume	v arrecy	habitat	Past	Present		0303	i art uscu	market/own use	holder
Tree	Indian Gooseberry/ Amla	Phyllanthus Emblica	Tree	Northern/Sub- Tropical	Good	Good	Immunomodulatory, anti- inflammatory, antiulcer, anticancer	Medicinal	Bark/ Fruit	Market/Own Use	Locals
Tree	Java Plum/Jamun	Syzygium cumini	Tree	Northern/Sub- Tropical	Good	Good	Treatment of sore throat, bronchitis, asthma, thirst, dysentery and ulcers	Medicinal	Fruit /seeds	Market/Own Use	Locals
Herb	Turmeric/Haldi	Curcuma longa	Herb	Northern/Sub- Tropical	Normal	Normal	Improve heart health and prevent against Alzheimer's and cancer, Anti inflammatory and antioxidant, Improve symptoms of depression and arthritis	Medicinal	Stem part	Own Use	Locals
Plant	Garlic/ Thoom	Allium sativum	Plant	Northern/Sub- Tropical	Normal	Normal	Reduce High Blood pressure, Reduce cholesterol levels, Prevention of cancer, Prevent Alzheimer's and Dementia	Medicinal	Garlic plant's bulb	Market/Own Use	Locals
Plant	Ginger/Adrak	Zingiber officinale	Plant	Northern/Sub- Tropical	Normal	Normal	Medicine for treating nausea, dysentery, heartburn, flatulence, diarrhea, loss of appetite, infections, cough and bronchitis	Medicinal	Ginger Root	Market/Own Use	Locals

ormat 23: V	Wild relatives	of Crops								
1	2	3	4	:	5	6	7	8	9	10
Local	Scientific	Associated crop	Landscape / Habitat		Status	Uses	Part	Associated TK	Other details	Community / Know holder
Name	Name	Associated crop		Past	Present	(usage)	Used			

ormat 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
Gandila	Nerium indicum	Shrub	Northern/ Sub- Tropical	Non-Commercial	Snake bites, ulcers, cardiac diseases, asthma, joint pains, leprosy, cancer etc.	-	Locals

Format 25: Fu	migate / Chew	ing Plants									
1	2	3	4	5		6	7	8	9	10	11
Plant (herb,shrub,	Local Name	Scientific Name	Variety	Habitat	Local	status	uses	Part used	Ass.TK	Other details	Community knowledge holder
Tree)	Local Walle	Scientific Name	variety	Habitat	Past	Present	uses	r art useu	A35. I K	Other details	
Herb	Pudina	Mentha spp.		Homestead, agricultural land	Abudant	Abudant	Spice	Leaves	Widely used in savory dishes, food, beverages, and confectionary products	Anti cancer activity against different types of human cancers as cervix, breast and many others	Locals-
Tree	Curry Tree	Murraya koenigii		moist forest and agricultral land	Normal	Normal	Spice	Leaves	Used in culinary due to aromatic quality, Used for treating stomachaches and as a carminative and analgesic	Anti-inflammatory, antioxidant, antitumor properties	Locals
Herb	Holy Basil/ Tulsi	Ocimum sanctum		Moist soil	Abudant	Abudant	Medicinal	Leaves	Used in Cough, Colds, Asthma, and Bronchitis	Effective remedy for hair loss treatment	Locals

Format 26: Ti	mber Plants							
1	2	3		4	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Status	Other uses, if any	Associated Tk	Any other detail	Community
	Setemente i vante	Habitat	Past	Present	Other uses, if any	Associated TK		knowledge holder
Shisham	Dalbergia sissoo	Northern/Sub-Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-
Ber	Ziziphus jujuba	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Sagwan	Tectona grandis	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Safeda	Eucalyptus	Northern/Sub-Tropical	Good	Good	Commercial/ own use	Timber/ Firewood	-	-
Simbal	Bombax ceiba	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Tunu	Toona ciliata	Northern/Sub-Tropical	Good	Good	Commercial/ own use	Timber/ Firewood	-	-
Jamun	Syzygium cumini	Northern/Sub-Tropical	Good	Good	Commercial/ own use	Timber/ Firewood	-	-

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

Format 27 B: (Coastal and Ma	arine Fauna								
1	2	3	4		5	6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local	Status	Parts collected	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge
Anniai Type		Scientific Name	Habitat	Past	Present	(if any)	(if any)			Holder

Format 28: W	vild Animals (N	Aammals, Birds,	Reptiles, Amphibia	, Insects, oth	ers)						
1	2	3	4	5	6		7		9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	status	uses if any	Ass. TK	Other	Community/
Ammai Type	Local Name	Scientific Ivanie	Habitat	Description	seen	Past Present		A35. I K	details	Knowledge Holder	
Wild Animal	Squirrels	Sciuridae	Northern/ Sub-Tropical	-		Good	Good	-	-	-	
Wild Bird	Red jungle fowl	Gallus gallus	Northern/ Sub-Tropical	-		Good	Good	-	-	-	
wild insects	Grasshooper	Caelifera	Northern/ Sub-Tropical	-		Good	Good	-	-	-	
wild insects	butterfly	Rhopalocera	Northern/ Sub-Tropical	-		Good	Good	-	-	-	
wild insects	bees	Apis mellifera	Northern/ Sub-Tropical	-		Good	Good	-	-	-	
wild insects	ants	Brachymyrmex patagonicus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
wild insects	Bumble bee	Bombus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	_	
Amphibia	Frog	Euphlyctis cyanophlyctis	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Reptiles	Snake	Serpentes	Northern/ Sub-Tropical	-	-	Good	Rare	-	-	-	

	URBAN BIODIVERSITY										
	Format 29: Flora										
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	Format 30: Fauna								
1	2	3	4	5	6				
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)				

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

End of Part II