People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Halqa
Taluk: Marh
District: Jammu
State/UT: J&K
Geographical Area of the Panchayat Samiti: 388.51 Hectares
Population under the Panchayat Samiti: 3725
Male: 1939 Female: 1786
Habitat and Topography: Plain
Climate (Rainfall, Temperature and weather patterns): Sub-Tropical Climatic Zone/Irrigated Sub-Tropical Zone
Land Use (Nine fold classification available with village records): Agriculture + Vegetables + Animal Husbandry + Horticulture
Date, Month and Year of PBR Preparation: 27/10/2020
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(

Details of Biodiversity M: body ; not less than one th	anagement Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by hird to be women and not less than 18% belonging to SC/ST)
1) Name of the Chairpers	on: Pooja Rani
Age: 37 years	
Gender: Female	
Address: Halqa	
Area of specialization: So	cial Worker and Sarpanch
2) Name: Kamla Devi	
Age: 39 years	
Gender: Female	
Address: Halqa	
Area of specialization: So	cial Worker
3) Name: Sushma Devi	
Age: 41 years	
Gender: Female	
Address: Halqa	
Area of specialization: So	cial Worker
4) Name: Tilak Raj	
Age: 55 years	
Gender: Male	
Address: Halqa	
Area of specialization: So	cial Worker
5) Name: Vikram Singh	
Age: 49 years	
Gender: Male	
Address: Halqa	
Area of specialization: So	cial Worker
6) Name: Laju Ram	
Age: 45 years	
Gender: Male	
Address: Halqa	
Area of specialization: So	cial Worker
7) Name: Rajendra Singh	
Age: 55 years	
Gender: Male	
Address: Halqa	
Area of specialization: So	cial Worker

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resourc within the jurisdiction of the village
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:

## Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name: Kartar Chand
Age: 60
Gender: Male
Address: Halqa
Area of specialization: Progressive Farmer
2) Name: Kuldeep Raj
Age: 56
Gender: Male
Address: Halqa
Area of specialization: Progressive Farmer
3) Name: Raj Dev Singh
Age: 54
Gender: Male
Address: Halqa
Area of specialization: Progressive Farmer
4)Name: Lalu Ram
Age: 38
Gender: Male
Address: Halqa
Area of specialization: Progressive Farmer

Det pre	tails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals paration of the PBR
1)	Contact Person: Agri. Dept.
	Name and Address: B C Guja, 9419158228
2)	Contact Person: Education Dept.
	Name and Address: Bharti Kumari, Patoli Mangotian- 9796813221
3)	Contact Person:
	Name and Address:
4)	Contact Person:
	Name and Address:
Yo	u may add names of more institutions/NGO/Individuals etc, if necessary

						Annexure
	Detail of access to biological resources	and traditional knowl	edge granted, details of t	the collection fee imposed and details	of the benefit derived and the 1	node of their sharing
S.No	Name and address of the Person/Institute/company others	Local and Scientific material Access	Name of the biological sed 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

## Part II PBR – Formats AGROBIODIVERSITY

## Format 1: Crop Plants

			ŧ					t			r			
1	2	3	4	5	6		7	8	9	10	11	12	13	14
			Description of the	Landscape /	Approx. Area	Local	Local status			Cronning	Source of Seeds	Commununity		
Сгор	Scientfic Name	Local Name	variety	Habitat	sown(ha)	Past	Present	Special features	Uses	TK	Other details	Season	/ Plants	/ Known. Holder
			B-370(Fine & Long duration)			Plenty	Plenty	Basmati 370 is world wise known for its aroma		Provides		Kharif	Farmers /	
Rice	Oryza sativa	Dhan/ Munji	Basmati 1121/(Coarse K39 K434 Rattana & Long duration	Planes / Low laying Areas		Plenty	Plenty	Medium tall Coarse Grains	fragra	energy fragrance and taste	-	(May to October)	Department/ Privaate Suppliers	Farmers
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		Abundant	Abundant	Bulbs Cash Crop	Vegetab gles	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Privaate Suppliers	
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 i	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	Abundant	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy i,calciam,copp er,potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Linseed	Linum usitatissimum	Alsi	LC 54	Cool & dry	Normal	Normal	Medium duration	Food & fiber	Source of energy in the shape of Oil	Medicinal,industri al & domestic use	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	Abundant	Abundant	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	tubers are used as	-	High carbohydrate,provi de high n energy value	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Toria	Brassica jrape cv.Toria	Toria	RSPT-1,RSPT- 2,Local var.	Cool & dry with bright sunshine	Normal	Normal	Short durationAnnual Herb	oil for prepration of Food	Source of energy i,calciam,copp er,potassium	vegetable Oil extracted from seeds used in cooking	Between Kharif & Rabi season	Farmers / Department/ Privaate Suppliers	Farmers
Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,grows well warm humid conditions	Normal	Normal	Pungency and flavor	Used as spice ,medician al value	-	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	Abundant	Abundant	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	<b>Tomatoes</b> 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	Abundant	Abundant	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	Abundant	Abundant	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	Abundant	Abundant	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	Abundant	Abundant	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	Abundant	Abundant	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	Abundant	Abundant	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		Abundant	Abundant	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	Abundant	Swollen stem ,grren/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Spanich	Beta vulgaris	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	Abundant	Abundant	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	Abundant	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	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable ,Sal ad,.	-	Good source of Vit.C,Diatry Fiber &Potasium	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Exocitic Vegetables (Brocoli/ Chinese cabbage/ Capsicum etc)	Brassica oleracea var. italica/Brassica oleracea var. capitata/ Capsicum		Prevelent Hybrid varieties	Cool &moist climate/sub tropical&interme dite	Rare	Normal	All Plants Carts and Fruits are eadable Ric Source of antioxidents	Salad and Vegetable		Ric Source of Multivitimins, Minierals and Antioxidents	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Format-2 : F	ormat-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 Plane		variety	/Habitat	Past	Present	Plants	fruiting	ТК	0.505	markt / own use	Holder		
Mango	Mangifera indica	Aam	Desi, Dusheri, Malta	Plains/Sub- Tropical	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/Sub- Tropical	Normal	Normal	Nurseries	Through Out Year	Fruit, Pickle, Squashes etc		Marketing, Own Use			
Litchi	Litchi chinensis	Litchi	Culcatta, Dehradun	Plains/Sub- Tropical	Normal	Normal	Nurseries	Jul - Aug	Fruit		Marketing			
Guava	Psidium guajava	Amrood	Local, L49 etc.	Plains/Sub- Tropical	Normal	Normal	Nurseries	Jul - Aug	Fruit		Marketing, Own Use			
Grapes	Vitis vinifera	Anjoor	Local Dakh, Perlette	Plains/Sub- Tropical	Rare	Rare	Nurseries	Jul - Aug	Fruit					
Amla	Phyllanthus emblica	Ambla	Local Selection, NA-7	Plains/Sub- Tropical	Normal	Normal	Nurseries, Local Collections	Nov Dec	Pickling Preserve etc		Marketing, Own Use			
Jamun	Syzygium cumini	Jamun	Local Selection	Plains/Sub- Tropical	Plenty	Plenty	Nurseries, Local Raised	Jul - Aug	Fruit		Own Use			

Pomegranate	Punica granatum	Anaar, Druni	Ganesh, Kandhari, Local	Plains/Sub- Tropical	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug	Fruit, Anardana	Own Use	
Pear	Pyrus spp.	Nakh	Pathar Nakh, China Pear	Plains/Sub- Tropical	Rare	Rare	Nurseries	Aug - Sep	Fruit	Own Use	
Peach	Prunus persica	Aaroo	July Elberta, Quetta	Plains/Sub- Tropical	Rare	Rare	Nurseries	Jun - Jul	Fruit	Marketing, Own Use	
Strawberry	Fragaria × ananassa	Strawberry	Chandlar	Plains/Sub- Tropical	Rare	Rare	Nurseries	Mar - Apr	Fruit	Marketing	
Papaya	Carica papaya	Papita	Local	Plains/Sub- Tropical	Rare	Rare	Nurseries, Localy Raised	Aug - Oct	Fruit	Own Use	

Format 3	:-Fodder Cr	ops / Species											
1	2	3	4	5	6	7	8	8	9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Habit	Area (Approx.)Rabi/	Landscape/	Local	Status	Part Used	Associated TK	Other	Sources of Seeds	Community Kn
5. NO.	Flant	Scientific Name	Local Name	нари	(Approx.)Rabi/ Kharif		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		Cool & moist climate	Abundant	Abundant	Above ground part of plant	Nutritious & palatable fodder,	Fodder		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	Farmers
5	Cowpea	Vigna unguiculata	Rongi	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Kharif Legume with high protein	Fodder		Farmers

						Format-4	4 : Weeds	5					
1	2	3	4	5	6	7		8	9	10	11	12	13
						Landscape/	Local	Status		Management			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	Abnoxious weed difficult to manage		Farmers
3	Lamb's quarters	Chenopodium album	Bathua/ Kanah/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Normal	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	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers
5	Bur Clover	Medicago denticulata	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Normal	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	Abundant	Fodder & forage	Mechanical, Chemical	Source for High quality protein	Agri. Land	Farmers
7	Meadow Pea	Lathyrus aphaca	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Agri. Land	Farmers
8	Canada Thistle	Cirsuim arvense	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
9	Bang	Cannabis indica	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal	Medicinal	Mechanical, Chemical	Nil	Agri. Land	Farmers

10	Nilibuti	Ageratum conyzoides	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
11	Wild oats	Avena fatua	Jangli Javi	Oats	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers
12	Wild Rice	Echinochloa colonum	Swanki	Paddy	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers

					Format-5:	Pests 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	-	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	-	Major threat to unirrigated crops	Farmers
3	Blister beetle	Mylabris spp.	Ghori	Chewing & bitting	Attacks Maize, Bhindi & Pulses	June-Oct	Mechanical& Chemical measures	-	Insectivorous feed on grasshopper	Farmers
4	Cereal leaf Beetle	Oulma melanopus	Nil	Chewing & bitting	Attacks Maize	Aug-Sep	Chemical measures	-	Most recent occurrence	Farmers
5	Red Pumpkin Beetle	Raphidopalpa foveicellis	Lal Kaddu Beetle	Chewing & bitting	Cucurbits	March-Oct	Chemical measures	-	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	-	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	-	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	-	Eats leaves	Farmers
9	Rice Gandi Bug	Leptocorzia varcornis	Gandi Bug	Paddy	Paddy at miliking stage	July to Oct.	Mechanical& Chemical measures	-	Pierce the grains at miliking stage	Farmers
10	Army worm	Spodoptera Frugiperda	Caterpiller	All Crops	Defoliaties Major crops	Through the year	Mechanical& Chemical measures	-	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	-	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	-	Major threats	Farmers
13	Cut worm	Agrotis ipsilon	Ludi	Cuts stem and leaves	Wheat sorguham maize and other	Throughout the year	Mechanical& Chemical measures	-	Major threats	Farmers
14	White Fly	Aleyrodidae	Nil	Suks the shap of plants	Sobin Bhindi and all pulses crops	April to Oct.	Chemical measures	-	Major threats	Farmers
15	Field rats	Ratus meltada	Chouha	Nocturnal in habit	Attacks all crops	Throughout the year	Mechanical& Chemical measures	-	Lives in burrows opening hidden in bushes	Farmers

Format 6: Mar	kets 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)

ormat 7: Peo	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
3725	Farming, Agriculture, Horticulture	Nil	Agricultural	Wheat (Winters), Rice (Summer)	Mulching, Watering, Staking, Fertilization, Weed Control	Stripped Cropping, Grassed Waterways	General, ST,SC, OBC	Middle Class	Permanent Settlers	763

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:	Lands	cape											
	1		2	3	4	5	6	7	8	9	10	11	12
Major	Landsc	apes	Sub -	Features and					Management				Community
Agricultural land			Landscapes	approx. area	Ownership	General flora	General fauna	User groups	practices	General uses	Associated TK	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	ultivated	Land	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, Channel, Khuls, Distributories etc.	Crop cultivation	Available for Farming	Nil	Every Community
Gra	zing Lan	d	Non-Cultivated	Lush Grteen	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: W	aterscap	e										
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
Tube well	Nil	Nil	Private land	Nil	Nil	Drinking etc	Public					
Dug wells	Nil	Nil	Private	Nil	Frogs, snakes, snail,	Cattles, washing cloths, Drinking etc	Public					
Canals	Khuls	Irrigational Khulls	Private	NIL	Frogs, snail, Tadpoles, Snakes	Cattles, washing cloths, irrigation, etc	Public	NIL				
Hand pumps	NIL	NIL	Private/State Land	NIL	NIL	Washing cloths, Drinking etc	Public	NIL				

Format-10: So	il 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:	Fruit Trees											
1	2	3	4	6	7	7	8	9	10	11	12	13
Plant	Local Name	Scientific Name	Variety	Landscape	Local	Status	Source of Seeds /	Season of	Associated TK	Uses	Other Details	Community /Knowledge
Tiant	Local Name	Scientific Name	v ar iety	/Habitat	Past	Present	Plants	fruiting	Associated TK	USCS	markt / own use	Holder
Mango	Aam	Mangifera indica	Desi, Dushari , Malta	Plains, Sub- Tropical	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, Sub- Tropical	Normal	Normal	Nurseries	throughout year		Fruit, picking Squashes etc.	Marketing, own use	
Litchi	Litchi	Litchi chinensis	Calcutta Dehradun	Plains, Sub- Tropical	Normal	Normal	Nurseries	June- August		fruit	Marketing	
Guava	Amrood	Psidium guajava	Local, Allahabadi, Safaida	Plains, Sub- Tropical	Rare	Rare	Nurseries	June- August		fruit	Marketing, own use	
Grapes	Angoor	Vitis vinifera	Local Dakh perlette	Plains, Sub- Tropical	Normal	Normal	Nurseries	June- August		fruit	Own Use	
Amla	Ambla	Phyllanthus emblica	local selection NA-7	Plains, Sub- Tropical	Normal	Normal	Nurseries local collection	Nov- Dec.		picking, fruit juices	Marketing, own use	
Jamun	Jamun	Syzygium cumini	local selection	Plains, Sub- Tropical	Plenty	Plenty	Nurseries, local raised	July- August		fruit	Marketing, Own use	
Pomegranate	Anar, Druni	Punica granatum	Ganesh, Kandhari local	Plains, Sub- Tropical	Rare	Rare	Nurseries, local raised, wild	May- August		fruit, anardana	Own use	
pear	Nakh	Pyrus app	Patharmakh, china pear	Plains, Sub- Tropical	Rare	Rare	Nurseries	August-Sept		fruit	Own use	
Peach	Aaroo	Prunus persica	July Elberta, quetta	Plains, Sub- Tropical	Normal	Normal	Nurseries	June-July		fruit	Marketing, own use	
Strawberry	Strawberry	Fragaria x ananassa	chandler	Plains, Sub- Tropical	Rare	Rare	Nurseries	March-April		fruit	Marketing	
Papaya	Papita	Carica papaya	local	Plains, Sub- Tropical	Rare	Normal	Nurseries, locally raised	August- October		fruit	Marketing, own use	

Format 12: N	Iedicinal Plant	ts (Herbs, Shrubs	, Trees etc.	)								
1	2	3	4	5		6	7	8	9	10	11	12
				Landscape/	Local	Status	Source of	Season of			Other details	
Plant Type	Local Name	Scientific Name	Variety	Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	market/own use	Community/ Know. holder
Herbs	Tarad	Dioscorea belophylla		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Herbs	Jungli pudna	Mentha arvensis		Lower shiwalik/Temperate area	Abundant	Abundant	Root			N.A	N.A	Generally, held by community
Shrubs	Trimuru	Zanthoxylum aurmatum		Lower shiwalik	Rare	Rare	Seed			N.A	N.A	Generally, held by community
Shrubs	brankad	Adhatoda vesica		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Drainkdu	Murraya koenigii		Sub-Tropical area	Rare	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativa		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Amla	Phyllanthus emblica		Lower shiwalik	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 azadirach		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Jaman	Syzygium cumini		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Tree	Khair	Acacia catechu		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community

Tree	Kringal	Casia fistula	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Mangoo	Mangifera indica	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Rumbal	Ficus racemosa	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Trimbal	Ficus auriculata	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Arjun	Terminalia arjuna	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Amla	Phyllanthus emblica	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Neem	Azadirecta indica	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
tree	Khair	Accacia catechu	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Shrubs	Bhang	Cannabis sativa	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community

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. holde
Tree	Kringal	Casia fistula	-	Flower Fruit	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Gandera	Nerium oleander	-	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community

1	2	3	4	5		6	7	8	9	10
DI (T	<b>T</b> 137			Local	Local status		Other uses			Community/ Know.
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	(multi)	Associated TK	Other details	holder
Tree	Kiker	Vachellia nilotica	Lower shiwalik	Normal	Rare	Wild	Own	Nil	Nil	Generally, held by community
Tree	Mangoo	Mangifera indica	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	Own	Nil	Nil	Generally, held by community
Tree	Safeda	Eucalyptus spp.	Lower shiwalik	Abundant	Normal	Wild	Commercial	Nil	Nil	Generally, held by community
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundant	Normal	Wild	Own	Nil	Nil	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Normal	Wild	Own	Nil	Nil	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundant	Normal	Wild	Own	Nil	Nil	Generally, held by community
Tree	Poplar	Populus ciliata	Lower shiwalik	Rare	Normal	Wild	Own	Nil	Nil	Generally, held by community
Tree	Jammun	Syzygium cumini	Lower shiwalik	Rare	Abundant	Wild	Own	Nil	Nil	Generally, held by community

<b>Format</b> 1	15: Dome	sticated Anima	hls									
1	2	3	4	5	6	,	7	8	9	10	11	12
Animal	Local	Scientific Name	Breed (local/	Frankrish	Madadafaa	Local	Status	Uses		Commercial	Other details including	Community
Туре	Name	Scientific Name	hybrid)	Features	Method of keeping	Past	Present	Uses	Associated TK	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
Bullalo	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
Rabbit	Khargosh	Oryctolagus cuniculus	White gaint	white	Pet ,wild	few	few	Pet	Nil	No	Nil	All / wild

Format 1	Format 16: Culture Fisheries												
1	2	3	4	5	6		7	8	9	10	11	12	
Fish Type	Local Name	Scientific	Variety	Features	Waterscape (Pond/Bheri/T	Local	status	Uses	Associated TK	Commercial	Other details	Community Know.	
risii 1 ype	Local Walle	Name	variety	reatures	alao)	Past Present		Uses	Associated TK	Rearing	Other details	Holders	
	There is no culture Fisheries taken up in this panchayat												

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

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, Cli	imbers etc.							
1	2	3	4	5		6	7	8	9	10	11
D (F					Loca	status	Commercial /			Other	Community
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	own use	Part collected	Associated TK	details	Knowledge 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	Albizzia lebbeck	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Simbal	Bombax cebia	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Kamila	Mallotus philippensis	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	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	-	-	-
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	Garna	Carissa spinarum	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
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	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 1	9: Wild Plant Species of	Importance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Status
1	Daduni	Punica grantum	Shrub	Live Hedge fencing	Good
2	Brenker	Adhatoda vasica	Shrub	-	Good
3	Kanner/Lal Gandila	Nerium indicum	Shrub		Good
4	Bhang	Cannabis sativa	Shrub	Medicinal	Good

Format 20: A	quatic Biodiversit	y								
1	2	3	4	5		6	7	8	9	10
Local name	Scientific name	Variata	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community knowledge
Local name	Scientific name	Variety	reatures	Habitat Past		Present	Uses	Associated TK	Other details	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	-	-	-	
Lotus	Nelumbo nucifera		Edible, with rhizome ,seeds, and leaves have been used as folk medicine, ayurveda and oriental medicine		Good	Good	-	-	-	
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	-	-	-	

Format 2	21: Wild Aquatic Plan	t Species of Importan	ce		
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 abudnat quantities of water, iron, vitaminC, Vitamin A and other nutrients	-
3	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	-

Format 22: V	Wild Plants of	Medicinal Impo	rtance								
1	2	3	4	5	6		7	8	9	10	11
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/ habitat	Local status				Part used	Other details	c.knowledge
shrub,tree)	Local Ivalle	Scientific Nume	variety	Landscape/ nabitat	Past	Present	Associated TK	Uses	Fart useu	market/own use	holder
Tree	Amla	Phyllanthus emblica	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark/ Fruit	-	
Tree	Jamun	Syzygium cumini	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Fruit /seeds	-	

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

Format 24: Or	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
Bougainvillea	Bougainvillea glabra	Shrub	Northern/ Sub-Tropical	-	-	-	-
Gulmohar	Delonix regia	Tree	Northern/ Sub-Tropical	-	-	-	-

Format 25: F	Fumigate / Che	ewing Plants									
1	2	3	4	5		6	7	8	9	10	11
Plant	LasalNassa	Seiendiffe News	V	H-1:4-4	Local	status		Dentmark			Community knowledge holder
(herb,shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Past	Present	uses	Part used	Ass.TK	Other details	
Herb	Pudina	Mentha spp.		Homestead, agricultural land	Abudant	Abudant	Spice	Leaves	Anti cancer activity against different types of human cancers as cervix, breast and many others	Widely used in savory dishes, food, beverages, and confectionary products	Locals
Tree	curry tree	Murraya koenigli		moist forest and agricultral land	Abudant	Abudant	Spice	Leaves	Anti cancer activity against different types of human cancers as cervix, breast and many others	Anti-inflammatory, antioxidant, antitumor properties	Locals
Herb	wild 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	Format 26: Timber Plants										
1	2	3	2	1	5	6	7	8			
Local Name	Scientific Name	Habitat	Local	Status	• Other uses, if any	Associated Tk	Any other detail	Community knowledge			
	Scientific Ivanie	Habitat	Past	Present	Other uses, if any	Associated 1 k	Any other detail	holder			
Sagwan	Tectona grandis	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-			
Safeda	Eucalyptus	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-			
Tunu	Toona ciliata	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-			
Jamun	Syzygium cumini	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-			

2	3	4							
		-	5	5	6	7	8	9	10
Local Name	Scientific Name	Uabitat	Local	Status	Parts Collected	Commercial Uses	Other Uses	Associated TV	Community/
Local Mame	Scientific Ivanie	Habitat	Past	Present	(if any)	(if any)	other ests	Associated 1K	Community/ Knowledge Holder
	Local Name	Local Name Scientific Name	Local Name Scientific Name Habitat   Image: Constraint of the second s			Local Name Flabitat (if any)	Local Name Scientific Name Habitat (if any) (if any)	Local Name Habitat (if any) (if any)	Local Name Habitat (if any) (if any) Other Uses Associated TK

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

Format 28: V	Wild Animals (Ma	ammals, Birds, Rept	tiles, Amphibia, Ins	ects, others)							
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 Ass. TK	Other	Community/ Knowledge Holder
Ammai Type		Security Mane	Habitat	Description	seen	Past	Present			details	
Wild Animal	Squirrels	Sciuridae	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Wild Bird	Red jungle fowl	Gallus gallus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Wild bird	Rose ringed parakeet	Psittaculidae	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	Good	-	-	-	

	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