People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Darshnan
Taluk: Ghat
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti: 263.9 hac.
Population under the Panchayat Samiti: 1530
Male: 720 Female: 810
Habitat and Topography: Partially hilly partially plain
Climate (Rainfall, Temperature and weather patterns): Temperate
Land Use (Nine fold classification available with village records): Agriculture / Non- Agriculture
Date, Month and Year of PBR Preparation: Register not available (11,2020 as per BMC)
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM):- Community owned and managed forest/ (RF/JGM)

Annexure 1

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

1) Name of the Chairperson: Zaheer Abass S/o Mohd. Ashraf

Age: 48

Gender: Male

Address: Darshnan

Area of specialization: Agriculturist (Sarpanch)

2) Name: Sakib Naik S/o Mohd Sharief

Age: 28

Gender: Male

Address: Darshnan

Area of specialization: Agriculturist

3) Name: Anita Devi **W/o** Babo Ram

Age: 32

Gender: Female

Address: Darshnan

Area of specialization: Agriculturist , Housewife

4) Name: Kfaytullah Naik S/o As. Gani

Age: 33

Gender: Male

Address: Darshnan
Area of specialization: Agriculturist
5) Name: Rozia Begum W/o Arif Jan
Age: 32
Gender: Female
Address: Darshnan
Area of specialization: Agriculturist & Housewife
6) Name: Zubair Ahmed S/o Qamar Din
Age: 38
Gender: Male
Address: Darshnan
Area of specialization: Agriculturist
7) Name: Mohammad Hussain S/o As Gani
Age: 40 years
Gender: Male
Address: Darshnan
Area of specialization: Agriculturist

Annexure-2

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurr within the jurisdiction of the village 1)Name: Smt. Isbeena Begum W/o As. Hamid Age: 55 years Gender: Female Address: Darshnan Area of specialization: Hakim (Dai) Location from which the person accesses biological material: Dashnan & Adjoining areas Perception of the practitioner on the resource status: Medicinal Use: Not mentioned by hakim 2) Name: Shamas Din S/o Abdul Subhan Age: 54 years Gender: Male Address: Dashnan Area of specialization: Human/Live stock (Hakim, Agriculturist) Location from which the person accesses biological material: Dashnan Perception of the practitioner on the resource status: Medicinal Use: not exposoed 3)Name: Gh. Nabi S/o Esh Ali Age: 56 years Gender: Male Address: Dashnan Area of specialization: Hakim (Human/ Live stock) Location from which the person accesses biological material: Dashnan Perception of the practitioner on the resource status: Medicinal Use: Not exposed

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name of the Chairperson: Siraj Din S/o Ab. Shubam
Age: 63
Gender: Male
Address: Darshan
Area of specialization: Agriculturist
2) Name of the Chairperson: Farooq Ahmed S/o Ab. Rahi
Age: 54 years
Gender: Male
Address: Dashnan
Area of specialization: Agriculturist / Horticulture
3)Name of the Chairperson: Satism Kumar S/o Madan Lal
Age: 45 years
Gender: Male
Address: Dashnan
Area of specialization: Horticulture/ Agriculture
4)Name of the Chairperson: Hoshiyar Singh S/o Bhagat Ram
Age: 40 years
Gender: Male
Address: Dashnan
Area of specialization: Agriculturist / Horticulture

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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: 9596700530

Name and Address: Zaheer Abas S/o Mohd. Shief (Sarpanch) PRI

2) Contact Person: 6005541968

Name and Address: Farooq Ahmed S/o Ab. Rahim (Local) VFC President

3) Contact Person:

Name and Address: Arif Reyaz S/o Reyaz Ahmed RDD representativwe

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 Date and resolution of the BMC Anticipated mode of sharing Local and Scientific Name of the biological Detail of collection fee Name and address of the S.No benefits or quantum of benefits and endorsement by the Person/Institute/company others material Accessed and quantity imposed shared Panchayat

End of Part I

Format 1	Part II PBR – Formats AGROBIODIVERSITY													
1	1 2 3 4 5 6 7 8 9 10 11 12 13 14													
Сгор	Scientific Name	Local Name	Variety	Landscape /Habitat	Approx Area Sown	Local Status		Special features	Cropping Season	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community /Knowledge
						Past	Present							Holder
Maize	Zea mays	Kookri	Plandri, Rashi 4794, Bio-9621, DMH-7314, Bio-9220	Hilly, temperate and Intermediate	21205 Ha	Local varieties	Improved Varieties	April sown, local variety dentless, corn and floor sweet in taste	Kharif	Major food item, used as floor feeding to poultry and cattle	Local variety Plandri, shown before 15 April, harvering when leaves turn pale	-	Household kept seed, Department of agriculture, Private seed dealers	Generally aged farmers of rural communities posses TK pertinent to cultivation and management
Wheat	Triticumaestivum	Kanak, gandham	HS-240, VL 804, HS 507	Hilly, temperate and Intermediate	5663 Ha	Local varieties	Improved Varieties	Late maturity	Rabi	Grains used as food, straw used as dry fodder, premature crop used as fodder	-	-	Seed selected from previous year's crop, Department of agriculture	Local farming communities
Barley	Hordeumvulgare	Joo	Local Barley, Ratna, Sonu	Hilly, temperate and Intermediate	3450 Ha	Local varieties	Improved Varieties	Most efficient under rainfed conditions	Rabi	Grains used as cattle feed. Besides green crop used as fodder	Used for making local drinks consumed during summers	-	Seeds saved from previous year's crop, from fellow farmers or relatives	Generally aged farmers of rural communities possess TK pertinent to cultivation and management

Rajmash	Phaseolus vulgaris	Rajmaa	Vaspa, Local Varieties,	Temperate	4500 Ha	Local varieties	Improved Varieties	Sown majorily as an intercrop/ Mixed crop with maize	Kharif	Green beans used as vegetables, pods used as vegetables and grains used as pulse	has its own local strain.	-	Seed saved from the previous year's crop	Farmers of Entire Bhaderwah region. Calls for protection as Geographical Indication
Black gram	Vignamungo	Kaali dhal	Local, PU-19, PU-31, Shekher- 3	Temperate and intermediate	850 Ha	Local varieties	Improved Varieties	-	Kharif	Used as pulse in human diet	Local varieties has distinct taste and get cooked in less time	-	Farm saved seed, Department of agriculture or private seed dealers	Local seed possessed by the farming community of the district
Horse gram	Macrotylomaunifloru m	Kulthi	Local,	Temperate and intermediate	250 Ha	Local varieties	Improved Varieties	-	Rabi	Used as pulse in human diet	Consumed during winters and is reported to have medicinal importance	-	Farm saved seed	Farming community of the district
Cowpea	Vignauniculata	Roongi or roong	Local, C-1, C- 152, PS-42	Temperate and intermediate zones	Mixed crop with maize in about 250 Ha	Local varieties	Improved Varieties	Grown as a mixed crop with maize	Kharif	Green pods used as vegetable, seeds used as pulse I n diet	Local varieties being preserved by the farmers for quite along time	-	Seed saved by the farmers from the previous year's crop	Cultivation and management practices among the farming communities across the District
Brown Mustard	Brassica juncea	Saroon	Local, KS-101, KOS-1	Temperate and intermediate zones		Local varieties, low production	Improved Varieties, high production	Crop severely affected by the snowfall during the months of dec-feb	Rabi	Green leaves used as vegetable and seeds used for extracting oil used in cooking and for other relevant purposes			Farm saved seed, from peer groups of farmers, from department of agriculture and other relevant sources	Cultivation and management practices among the farming communities across the District

Radish	Raphanussativus	Mooli	Local turnip shaped radish	Temperate conditions	150 Ha	Local Turnip Shaped Kansargerm plasm	-	-	2-3 crops Round the year	Eaten raw, used as vegetable and pickle making	Traditional variety and cultivation practices	Round shaped, white colured	Seed being traditionally cultivated and produced locally	Farmers of Kansar Village of Bhaderwah (Doda) J&K
Knolkhol	Brassica oleracia var. Gongylodes	Kaddam	Local, Purple Vienna	Temperate and intermediate	550 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	3-4 crops throughout the year	As vegetable and in pickle making	Traditional seed production technique of local varieties	Large sized knot of local varieties which does not produce fibreseven after maturity	For local varieties, seed produced through indigenously adopted methods, moreover, for other varieties source is generally private dealers and department	Tk holders for seed production are farmers across the district especially from Bhaderwah, Chinta and Kelad areas.
Potato	Solanum Tuberosum	Aalo												
Peas	pisum sativum	Matar												

					Format-2	: Fruit Plant	S					
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 markt / own	Community /Knowledge
		Locurrunic	variety	/Habitat	Past	Present	Plants	fruiting	ТК		use	Holder
Apple	Malus x domestica Borkh.	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Tree, regular bearing	temperate hills	rare	Plenty	Nurseries	Aug- Oct.	fruit, value addition		Maketing , own use
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept	fruit		own use
Peach	Prunus persica(L.) Batsch.	Aaroo	July Elberta, Quetta	Tree, regular bearing	mid hill	Rare	Rare	Nurseries	June-july	fruit		Maketing , own use
Apricot	Prunus armeniaca	Khubani, Sadi	local apricot, Bebco	Tree, regular bearing	Mid hills	Plenty	Plenty	Nurseries	June-july	fruit		own use
Walnut	Juglans regia	Akrote	Paper shelled, Thin shelled, hard shelled medium shelled	Tree, regular bearing	Temperate hills	Plenty	Plenty	Nurseries, locally raised	sept-oct	dry fruit		Maketing , own use
Strawberry	Fragara x ananassa duch.	Strawberry	chandler	Runner, annual	plain mid hills	Rare	Rare	Nurseries.	March-April	fruit		Marketing

Pecannut	Carya illinoenis	Pecan	western shell	Tree, regular bearing	Mid/temperate hills	Rare	Rare	Nurseries	Sept-Oct	Dry Fruit	Marketing
Plum	Prunus salicinia	Aaloo Bukhara	santa rosa, Allo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries, locally raised	July-august	fruit	Maketing , own use
Persimmon	Dios spyrus	Amlook	Local	Tree, regular bearing	Mid/temperate hills	Rare	Rare	locally raised	July-august	fruit	Marketing
Olive	Olea europea	Khao, jaiton	Local, Carotina	Tree, regular bearing	Mid/temperate hills	Rare	Rare	Govt. Nurseries	August- October	fruit	Marketing
Quince	Cydonia oblonga	bhai	local	Tree, regular bearing	Mid/temperate hills	Rare	Rare	locally raised	July- September	fruit, seed	own use, Marketing
Pomegranate	Punica granatum	Anar, Druni	Ganesh, Kandhari, Local	Tree, shrub, regular bearing	plains, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August	fruit, anardana	own use
Grapes	Vitis vinifera	Angoor									
Almonds	Prunus Dulcis	Badam									
Cherry	Prunus	Cherry									

				F	Format 3:-Fo	odder Crops / Spe	cies				
1	2	3	4	5	5	6	7	8	9	10	
Direct	C. C. C. N.	T	Landscape	Local	Status	Source of Seeds /		Dent Hard		Community	
Plant	Scientific Name	Local Name	Landscape /Habitat	Past	Present	Plants	Associated TK	Part Used	Other Details	Community /Knowledge Holder	
Oats	Avena sativa	Ghaas	Temperate and intermediate	2350 Ha	Local varieties	Seed saved from previous year's crop, department of agriculture or private seed stores	Stored in locally mode indigenous structure called tye-	Shoot areas		Stored in locally mode indigenous structure called tye-	
Berseem (Egyptian clover)	Trifoliumalexandri num	Ghaas	Irrigated areas Temperate	Minor 150 Ha	-	Private seed dealers	-	Shoot areas		-	

						Format-4	: Weeds					
1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Affected Crop	Impact	Landscape	Lo	ocal Status	Uses if any	Management	Associated TK	Source of Seeds /	Community
Plant	Scientific Name	Local Name	Anected Crop	Impact	/Habitat	Past	Present	Uses if any	Options	Associated TK	Plants	/Knowledge Holder
Maize	Ipomea spp.	Zeharbael	7-8 species of ipomea weed affect the maize crop at different stages from sowing to maturity	Temperate and intermediate areas of the District	25000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Fast growing weed, grows as vines and affects maize crop badly	Kharif (in maize crop)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Maize	Cyprus rotundus	dheloo	-	Temperate and intermediate areas of the District	22000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	-	Kharif (in maize crop)	-	Through underground corms transferred through different sources	No TK associated with either knowledge or management of Ipomea weed
Maize	Brachiariamutica	Ghass	Para grass	Temperate and intermediate areas of the District	23000 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (in maize crop)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Mash	Cyprus esceluntus	Ghass	-	Temperate and intermediate areas of the District	36000 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (in mash and maize crops)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Ipomeaaqatica			Temperate and intermediate areas of the District	1200 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (Majorily paddy)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Celosia argentina	Neeli	Cocks comb	Temperate and intermediate areas of the District	800 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (Paddy)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed

All crops	SaolanumXanthocarpu m	Janglipatha	Wild eggplant	Temperate and intermediate areas of the District	1350 Ha	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Eichhorniacrassepes	Pannijadi	Water hyacinth	Temperate and intermediate areas of the District	1250 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Kharif (paddy)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Viciahirsua	-	Chingarisak	Temperate and intermediate areas of the District	14000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Cardiospermumhalicac abum	-	Lataphatkari	Temperate and intermediate areas of the District	26000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Rumexcrispus	Janglipalak		Temperate and intermediate areas of the District	17500 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Spring season	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Setariaglauca	Shitta	Foxtail	Temperate and intermediate areas of the District	15600 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Kharif	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All fields	Partheniumhysperopho rus	Chittaka		Temperate and intermediate areas of the District	200 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Kharif and rabi	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed

					Format-5: I	Pests of Crops			
1	2	3	4	5	6	7	8	9	10
Host	Insect /Animals	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management mechanism	Associated TK	Other Details	Community /Knowledge Holder
	Leaf folder	Cnaphalocrocis medinails	Patta modak	Paddy fields	Tillering stage/Rainy season (monsoon)	Dragging rope across the field, light traps, spraying chloropryfos, cypermethrin, or Cartap hydrochloride to kill the larvae	Clipping of upper portion of seedlings is considered very effective management		Traditional
Dedda						Soil solarisation in May or June.			
Paddy	Stem borer	Scirpophaga incertulas	Tanna shedak	Paddy fields	July to September	 Apply granules of Cartap Hydrochloride 4G @1.25 kg/kanal or Carbofuran 3G @1kg/kanal granules in 5-7.5 cm standing water & do not drain or irrigate the field for 72 hrs of application. 		ETL 5% Dead heart	
						2. Or spray Cartap hydrochloride 50 SP @ 1gm/ lt water or Chloropyriphos 20 EC @ 2.5 ml/ lt water at ETL 5% Dead hearts			
						Removal of weeds, Clipping of the leaf tips containing larva mines,			
	Rice Hispa	Dicladispa armigera	kida	Paddy fields	July to September	In situations of high hispa incidence, skip nitrogen fertilizer top-dressing		Top- dressing after the pest management measures can	

							enhance recovery
Paddy						Spray crop with Chlorophyriphs 20 EC @ 2ml/lit or Quinophos 25 EC @ 1.5 ml per litre of water.	
	Brown Plant Hopper	Nilaparvata lugens		Paddy fields	July to September	Remove weeds(co-host), install straw bundles to conserve predatory spiders, delay application of nitrogen fertilizer, Spray Imidachloropid 200 SL @ 3ml per 10 liter water or Acephate 75 WP @ 50 gm per kanal.	
	Grass hopper	Hieroglyphus banian	Tidda	Polyphagous	June to October	Scrap the bunds, Apply Methyl parathion 2% dust or malathion 5% @1.25 kg per kanal on the bunds. Spray Chloropyriphos 25 EC @ 2.4 ml or Malathion 50 EC @ 3.7 ml per liter of water.	
Paddy						Deep ploughing 2 to 3 times	
	Thread worm	Strongyloides stercoralis	Viscal	Low lying areas/paddy fields	July to October	Crop rotation, Soil application with neem cake @ 100-120 kg/ ha	
						Soil Application of Cartap Hydrochloride 4G @1.25kg/kanal or Carbofuran 3G @1kg/kanal or Chloroprifos 10G @ 500 gm/ kanal	
						Application of / lt water or Neem oil @ 3ml/ lt water at regular interval.	

Wheat	Aphids	Sitobin avenae/Rhopalosi phum padi	tella	Polyphagous	February to April	Release 1st instar larvae of green lacewing (Chrysoperlacarnea) @ 4000/acre.		
						Spray crop with Imidacloprid 200SL @ 0.3 ml / litre of water or dimethoate 30% EC @ 1.5ml/ litre of water followed by neem oil @ 3 ml or NSKE @ 5ml / lt water.		
						Field sanitation and continuously remove and destroy the affected plants and stubbles.		
	Pink stem borer	Sesamia inferns	ludi	Polyphagous/ debris	Nov to feb	Deep ploughing, crop rotation.Soil solarisation in May or June.Use <i>Trichogrammaspp.</i> , Chrysoperlacarnea and coccinellids cards,Application of Cartap Hydrochloride 4G @1.25kg/kanal or Carbofuran 3G @1kg/kanal in whorls of plants.Spray Cypermethrin 10% EC @ 1 ml lt water or Cartap hydrochloride 50 SP @ 1gm/ lt water or or Oxydemeton – methyl 25% EC @ 1000 ml/ha at ETL 5% Dead hearts.		
	Termites	Odontotermis obesus	Sink	Polyphagous/ sandy loam soils.	October to April	Thiamethoxam 30% FS @ 1.32 Kg per 40 Kg seeds or Chlorpyrifos 20% EC @ 3 – 4 ml/Kg seed and 0.8-1.2 l/acre as soil application	Avoid un- decomposed FYM	
	Stem Borer	Chilo partellus	ludi	Polyphagous	Kharif	Field sanitation and continuously remove and destroy the affected plants and stubbles completely.		
						Deep ploughing, follow crop rotation.		

Wheat	Grass hopper					Use <i>Trichogramma</i> spp., Chrysoperla carnea and coccinellids cards. Application of Cartap Hydrochloride 4G @1.25kg/kanal or Carbofuran 3G @1kg/kanal in whorls of infested plants.Spray Cypermethrin 10% EC @ 1 ml lt water or Cartap hydrochloride 50 SP @ 1gm/ lt water at ETL 5% Dead hearts.		
		Hieroglyphus banian	Tidda	Polyphagous	March to May	Scrap the bunds, Apply Methyl parathion 2% dust or malathion 5% @1.25 kg per kanal on the bunds. Spray Chloropyriphos 25 EC @ 2.4 ml or Malathion 50 EC @ 3.7 ml per liter of water.		
						Eradicate/destroy the weeds Field sanitation Deep summer ploughing,	Schedule spray application only	
Wheat						Destroy the eggs manually if possible.	when approx 50% of eggs are hatched as the chemicals are mostly effective against larval stage then eggs or adult stage.	
	Cereal Leaf Beetle	Oulema melanopus		Kharif	Kharif			

						Spray Chloropryphos 50% + Cypermethrin 5% EC @ 2.5 ml/lit water or chloropryphos 20EC@ 2.5 ml/lit water or cypermethrin 10 % EC @ 1ml per lit water or Thiamethoxam 12.6 % or acetamiprid 20 SP @ 1gm / lit water or spinosad @ 1gm/ lit water.		
						Weeds erdadication, Setting up light traps for adults @ 1/acre.		
						Installing pheromone traps @ 6-10/acre.		
Maize	Corn worm	Helicoverpa armigera	sundi	Maize cobs	Kharif	Spray NSKE 5% against eggs and first instar larvae.		
						Spray crop with BT (<i>Bacillus thuringiensis</i>) @ 1 kg/ hactare or NPV formulations @ 250 LE in 500 lt water for hactare .		
						Spray crop with spinosad @ 1gm/ litre or or Malathion 50 EC @ 1ml per litre of water or Quinalphos 25 EC @ 2ml/lt water.		
						Setting up light traps for adults @ 1/acre.		
						Installing pheromone traps @ 6- 10/acre		
						1. Spray NSKE 5% against eggs and first instar larvae.		

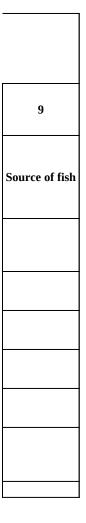
Paddy	Cut worm	Agrotis.spp	toka	Maize Field	Kharif	2. Spray crop with BT (<i>Bacillus thuringiensis</i>) @ 1 kg/ hactare or NPV) formulations @ 250 LE in 500 lt water for hactare .		
						3. Apply Chloropyriphos at 2.5ml per litre water or Chlorantraniliprole 18.5 SC 0.3 ml per liter water.		
	Red Spider	Tetranychus	juan	Polyphagous	Feb to May	Field sanitation, clipping of infested leaves and destroying it completely. Grow trap crops, Conserve predators Spray Diafenthiuron 50 WP@ 1.25gm/lt water or Ethion 50% EC @1ml/ lt water	Avoid dusty	
	mites	urticae	juan	Toryphagous	September to December	or Dicofol 18.5 EC @ 2 ml/lt water or wetable sulphur 80 % wp@3gm/lt water or Kelthane @1ml/lt water followed by NSKE @ 10 ml / lt water.	conditions	
	Fruit and shoot	Leucinodes			February to may	Field sanitation, Clipping off of infested shoots, Trichogramma cards, Spray of NPV, neem oil,		
	borer	ornonalis	Fal shedak	Polyphagous	Aug to November	Trichogramma cards, Spray of NPV,neem oil, Spray of chlorantraniliprole 18.5 SC		
	Hadda Beetle	Henosepilachna Vigintioctopunctat a		Polyphagous	March to October	Collect and destroy the inefsted leaves with grubs and egg masses.		
						Regular hoeing of the soil beds. Spray neem oil @ 5ml/ly wate.		
						Spray cypermethrin 25% EC@ 60-80 ml in 2001 of water/acre or Quinalphos 20% SG @ 600-700 ml in 300-400 . Og esyrt ot Frlysmryhtin1% + Triazophos 35% EC @ 400-5 ml in 200 L of water / acre.		

						Repeat the spray after 7 days interval altenate with neem oil after picking fruits		
Brinjal	Fruit Borer	Helicoverpa armigera	Fal shedak	Polyphagous	February to may	Spray crop with chlorantraniliprole 18.5 % SC @ 80 ml/ 200 -300 lit of water per Acre and		
					Aug to November	neem oil @ 5ml lt water		
						Conserve predators, Spray azadirachtin 5% W/W neem extract concentrate @ 80 ml in 160 l of water/acre.		
Okara	Leaf hopper	Amrasca biguttula Ishida		Polyphagous	April -june	Spray acetamiprid 20% SP @ 30 g in 200-240 l of water/acre or imidacloprid 17.8% SL @ 40 ml in		
		Ismaa				200 l of water/acre or malathion 50% EC @ 400 ml in 200-400 l of water/acre or		
						cyperamethrin 25 % @		
						2ml/ lt water.		
					Feb to May	Field sanitation, clipping of infested leaves and destroying it completely. Grow trap crops, Conserve predators Spray Diafenthiuron 50 WP@ 1.25gm/lt water or Ethion 50% EC @1ml/ lt water or Dicofol 18.5 EC @ 2 ml/lt water or wetable		
Okara	Red Spider mites	Red Spider mites	juan	Polyphagous	September to December	1.25gm/lt water or Ethion 50% EC @ 1ml/ lt water or Dicofol 18.5 EC @ 2 ml/lt water or wetable sulphur 80 % wp@3gm/lt water or Kelthane @1ml/lt water followed by NSKE @ 10 ml / lt water.		

		F	format 6: Markets for I	Oomesticated anima	ls		
1	2	3	4	5	6	7	8
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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Note: 111 (D) – day; (

 Note: [1] (D) - day; (N) - month;

 [2] Types of animals may include: Poultry / Sheen / Coate / Cattle / Ducks / Pigs / Donkays / Mules / Horses / Camels / Others (Specify)



	Format 7: Peoplescape												
1	2	3	4	5	6	7	8	9	10	11			
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / Tribe	Social condition	Nature of inhabitants	No. of HHs			
SC Community	Agriculture		Farm land, pastures	Traditional practices and farming	Land levelling	Cow dung as manure, insecticide, pesticide							
Others	Agriculture/ Employees		Agricultureal land, Pastures, Farm land		Land lavelling	Cow dung as manure, insecticide, pesticide, fungicides, Antibacterial sprays	Gen, Hindu, Muslims	Agriculture - 10% Agr 90%	Traditional	380			
										Hindu- 10%, Muslim - 90%			

	Format 8: Landscape													
1 2 3 4 5 6 7 8 9 10 11											12			
Maj	Major Landscapes			Features and approx.	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community	
Agricultural land	Pond	Fallow land	Landscapes	area					practices				accessed	
Nil			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

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

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	Format-9: Waterscape													
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		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

			Format-10:-	Soil Type			
1	2	3	4	5	6	7	8
Soil Type	Colour and Texture	Features	Soil Management	Plan and Crops suitable	Flora and auna	Associated TK	Other information
Al l uv i al Soi l , Si l tCl ay Loamt oCl ay	Dar kbr ownt o bl ack(Sandsl i tcl ay)	Fer t i l er i chi n or gani cmat t er , hi ghmi ner al cont ent	Needs r egul ar bal anced f er t i l i zer cr op r ot at i on& mul chi ng et	Paddy	Wal nut, Appl e , Apr i cot , Pl um Cow, Buf f al o, Sheep, Goat s, Hor se		Landi sSl opy , Loose &sl i di ng
Sandy, Loamy, Clay	Red , white , black						

	Format 11: Fruit Trees													
1	2	3	4	5	6		7	8	9	10	11	12	13	
Plant	Scientific Name	Local Name	Variety	Habit	Landscape	Local	Status	Source of	Season of	Usage	Associated	Other Details markt / own	Community /Knowledge	
					/Habitat	Past	Present	Seeds / Plants	fruiting		ТК	use	Holder	
Apple	Malus x domestica Borkh.	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Tree, regular bearing	temperate hills	Rare	Plenty	Nurseries	Aug- Oct.	fruit, value addition		Maketing , own use		
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept	fruit		own use		
Peach	Prunus persica(L.) Batsch.	Aaroo	July Elberta, Quetta	Tree, regular bearing	mid hill	Rare	Rare	Nurseries	June-july	fruit		Maketing , own use		
Apricot	Prunus armeniaca	Khubani, Sadi	local apricot, Bebco	Tree, regular bearing	Mid hills	Plenty	Plenty	Nurseries	June-july	fruit		own use		
Walnut	Juglans regia	Akrote	Paper shelled, Thin shelled, hard shelled medium shelled	Tree, regular bearing	Temperate hills	Plenty	Plenty	Nurseries, locally raised	sept-oct	dry fruit		Maketing , own use		
Strawberry	Fragara x ananassa Duch.	Strawberry	chandler	Runner, annual	plain mid hills	Rare	Rare	Nurseries.	March-April	fruit		Marketing		
Pecannut	Carya illinoenis	Pecan	western shell	Tree, regular bearing	Mid/temperate hills	Rare	Rare	Nurseries	Sept-Oct	Dry Fruit		Marketing		

Plum	Prunus salicinia	Aaloo Bukhara	santa rosa, Allo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries, locally raised	July-august	fruit	Maketing , own use	
Persimmon	Dios spyrus	Amlook	Local	Tree, regular bearing	Mid/temperate hills	Rare	Rare	locally raised	July-august	fruit	Marketing	
Olive	Olea europea	Khao, jaiton	Local, Carotina	Tree, regular bearing	Mid/temperate hills	Rare	Rare	Govt. Nurseries	August- October	fruit	Marketing	
Quince	Cydonia oblonga	bhai	local	Tree, regular bearing	Mid/temperate hills	Rare	Rare	locally raised	July- September	fruit, seed	own use, Marketing	
Pomegranate	Punica granatum	Anar, Druni	Ganesh, Kandhari, Local	Tree, shrub, regular bearing	plains, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August	fruit, anardana	own use	

	Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)											
1	2	3	4	5	6		7	8	9	10	11	12
				Landssone/	Source of	Locati	on Status				Other details market/own use	Community know Holders
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of Plant/seeds	Past	Present	Uses (usage)	Part used	Associated TK		
Herb	Pudina	Mentha spicata	Local/wild	Temperate	Cultivated/ naturally grown	available	Available	To cure infection	Leaf	Cure infection		
Herb	Tamatar	Solanum lycopersicum	Local	Temperate	Cultivated	available	Available	To reduce heart diseases, kidney stones and gall bladder stones	Fruit	Cure heart and stone diseases	Fruit	
Herb	Dhaniya	Coriandrum sativum	local	Temperate	Cultivated	Available	Available	Used for loss of appetite, tooth aches	Seeds	Cure pain	Seeds	
Herb	Guchi	Morchella vulgaris						Medicinal use				
Shrubs	Rasound	Berberis lycum						Medicinal Use	Roots	N.A	Commercial/ Own	Generally, held by community
Trees	Tooth	Morus alba						Leaves/Fruit	nil	nil	Generally, held by community	
Akhrot	Juglans regia	Temperate areas						Generally, held by community				
Timbru	Zanthoxylum armatum											
Trimbal	Ficus auriculata											

Jungli Pudina	Mentha arvensis L					
Kandeli						

	Format 13: Ornamental Plants/ Trees/Climbers 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			
Ornamental plants	Fig	Ficus carica	-	Fellow land	Non- commercial	Ornamental	Used in traditional medicine	Foliage for milch animals	Horticulturist/ Forest officials/ floriculturists.			
Ornamental tree	Oleander	Nerium indica	-	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Different parts in diarrhea	Flowers in june	Floriculturist /forest officials			
Ornamental tree	Rose HT	Rosa spp.	-	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers in june	Floriculturist /forest officials			
Ornamental tree	Rose creeper	Rosa spp.	-	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers in june	Floriculturist /forest officials			
Pot plants	Geranium	Pelargonium zonale	-	Private buildings	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers in june	Floriculturist /forest officials			
Pot plants	Geranium	Pelargonium sp.	-	Nursery	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers beautiful	Floriculturist /forest officials			
Pot plants	Sedum	Sedum spectabile	-	Nursery	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers beautiful	Floriculturist /forest officials			
Creeper	Periwinkle	Catheranthus sp	-	Gardens/lawns	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers beautiful	Floriculturist /forest officials			

Creeper	Rose creeper	Rosa sps.	-	Gardens/lawns	Non- commercial	Ornamental/ landscaping	Rose petals used as anti-septic etc.	Flowers beautiful	Floriculturist /forest officials
Creeper	Pot marigold	Callendulla officinalis	-	Gardens/lawns	Non- commercial	Ornamental/ landscaping	Thrives in poorest soils etc	Flowers beautiful	Floriculturist /forest officials
Creeper	China aster	Callistephus chinensis	-	Gardens/lawns	Non- commercial	Ornamental/ landscaping	Mass planting in summers	Flowers beautiful	Floriculturist /forest officials
Creeper	Forest daisy	Chrysanthemu morifolium	-	Gardens/lawns	Non- commercial	Ornamental/ landscaping	Good flowers	Flowers beautiful	Floriculturist /forest officials
Creeper	Fox glove	Digitalis purpurea	-	Forests	Non- commercial	Ornamental/ landscaping	Used to treat congestive heart failure	Summer flowering	Floriculturist /forest officials

	Format 14: Timber Plants / Trees											
1	2	3	4	5		6	7	8	9	10		
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other uses (multi)	Associated TK	Other details	Community/ Know.		
			Habitat	Past	Present	garden	,			holder		
Tree	Walnut	Juglans regia	Temperate	Least	plenty	Wild , home	Furniture, tooth cleaner	Wood used for furniture	unknown			
Tree	Banj	Quercus incana	Temperate	Plenty	plenty	Wild	Firewood	Wood used for furniture	Unknown			
Tree	Apricot	Prunus armeniaca	Temperate	Least	plenty	Wild, home	Furniture, firewood	Wood used for furniture	Unknown			
Tree	Peach	Prunus persica	temperate	Least	plenty	Wild, home	Firewood	Wood used for furniture	Unknown			
Tree	Kharsoo	Quercus semicarpifolia	Temperate	Plenty	plenty	Wild	Firewood	Wood used for furniture	unknown			

Tree	Khau	Olea cuspidata	Temperate	Plenty	least	Wild	Firewood	Wood used for furniture	unknown	
Tree	Keth	Pyrus pashia	Temperate	Plenty	least	Wild	Firewood	Wood used for furniture	Unknown	
Tree	Safeda	Eucalyptus spp.	Temperate	Available	Available	Wild	Furniture	Wood used for furniture	Unknown	
Tree	Keth	Pyrus pasha	Forest, temperate	Available	Available	wild	Firewood /fruits are edible.	-	Firewood	

					Format 15: I	Domesticate	d Animals					
1	2	3	4	5	6	7		8	9	10	11	12
			Breed (local/		Method of	Local	Status			Commercial	Other details	Community
Animal Type	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	including products and Services	Know.Holders
Cattle	Gai	Bos indicus	ND	Cow Yield	Backyard	Abdundant	Dereases	Dairy	Nil	No	Milk	All
Cattle	Gai	Bos laurus	CB Jersey	Dished Face	Backyard/ Commericial	Very Few	Increased	Dairy	Nil	No	Milk	All
Buffalo	Manj	Bubales buballss	Local	Low Yield	Backyard	Abdundant	Dereases	Dairy	Nil	No	Milk	Gujjar Community
Dullaio	Bhains	Bubales buballss	Murrah	Black Cloured Body	Backyard	Very Few	Increased	Dairy	Nil	No	Milk	All
Equine	Horse	Equus caballus	Local	HT Less than 9 hands	Backyard	Less No.	Very Few	Pack Purpose	Nil	No	Pack	Bakerwal
Equine	Mule	-	Local	HT Less than 9 hands	Backyard	Less No.	Increased	Pack Purpose	Nil	No	Local Carrying	All
	Kukarr	Galus domesticus	Local	Enrich Meat Flavour	Backyard	Abdundant	Dereases	Egg & Meat	Nil	No	Egg & Meat	All
Poultry	Farmi Kukarr	Galus domesticus	Chabro	Good Eggar	Backyard	Abdundant	Increased	Egg & Meat	Nil	No	Egg & Meat	All
	Broiler	Galus domesticus	Hybrid	White In Colour	Deep Litter	Abdundant	Increased	Only Meat	Nil	No	Only Meat	All
Canine	Kutta	Canis familaris	Local	ND	Stray	Abdundant	Abdubdant	Guarding Purpose	Nil	No	Nil	Non Specific
Feline	Billi	Felis catus	ND	Grey Coloured	Stray	Abdundant	Abdubdant	To Kill Rats	Nil	No	Nil	Non Specific
Dog	Kutta	Cains familiaris	Local	Pet	Pet	Rare	Plenty	Guard, hunting dog	Nil	Nil	Nil	Local/Nomads

	Format 16: Culture Fisheries													
1	2	3	4	5	6		7	8	9	10	11	12		
Fish Type	e Local Name Scientific Name Variety Features (Pond/Bheri/T								Associated	Commercial	Other details	Community Know.		
			variety	Features	alao)	Past	Present	Uses	ТК	Rearing	Other details	Holders		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

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

		Format 17: Marke	ets / Fairs for D	omesticated Anima	ls, Medicinal Pla	nts and other produ	icts	
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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

				Format 18:	Trees, Shr	ubs, Herbs, T	Fubers, Grasses, C	Climbers etc	•		
1	2	3	4	5		6	7	8	9	10	11
	I		TT_1 .	Habitan	Loca	al status		D. et all and d	A		Community
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	Commercial / own use	Part collected	Associated TK	Other details	Knowledge Holder
Plant	Bankakri	Podophyllum hexandrum	Plant				Commercial, own use	Fruit		It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer	
Herb	Banafsha	Viola ordorata	Herb				Commercial, own use	Flower		Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	
Trees	Kainth	Pyrus paschia	Trees				own	Leaves	nil	nil	Generally, held by community
Tree	Draink	Melia azedarach	Tree				Own Use	Leaves/Wood			Self observed
Trees	Trimbal	Ficus auriculata	Trees				own	Leaves/Fruit	nil	nil	Generally, held by community
Shrubs	Rasound	Berberis lycum	Shrubs				Commercial / own use	Root	used for medicinal purposes	N.A	Generally, held by community

Herb	Pudina	Mentha arvensis	Wild		Own use			
Herb	Methi	Trigonella foenum- graecum	Annual plant		Spice	Leaves		
Tree	Apricot	Prunus armeniaca	Temperate		Furniture, firewood	Wood used for furniture	Unknown	
Tree	Dudaya	Wrightia arborea						

	Format 19: 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	Akhroot	Juglans regia	Wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol	Available							
2	Bhang	Cannabis sativa	Wild	Commercial extraction banned, given to animals to improve their health	Available							
3	Wild Pomegranate	Punica grantum	Wild	Used in making chutney	Available							
4	Guchi Mashroom	Morchella esculenta	Wild	Dried and sold which fetches Rs.10000-15000 per Kg used in making pulao (cuisine), as aphrodisiac in medicine	Available							
5	Kasrod	Diplazium	Wild	Used as vegetable, collected by locals and sold	Available							
6	Saloi	Boswellia seerata	Wild	economic, social	Available							

	Format 20: Aquatic Biodiversity												
1	2	3	4	5		6	7	8	9	10			
					Local Status					Community			
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	knowledge holder			
Rainbow trout	Salmogairdneri	Introduced	Body comparatively stout and deep, two dorsal fins present , ist having soft rays and 2 nd one adipose, a red rainbow like band present on sides, Lateral line present & innumerable black spots found on lateral line	Colder pockets, snow fed areas	Available	Available	Commercially Important Fish Food and sports fish (angling)		Mode of catching : Rod Availability : Round the year Breeding Season : December to February	Fisheries Deptt. & Anglers			

	Fo	rmat 21: Wild Aquati	ic Plant Species of Imp	ortance	
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends
Nil	Nil	Nil	Nil	Nil	Nil

	Format 22: Wild Plants of Medicinal Importance												
1	2	3	4	5	6		7	8	9	10	11		
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/	Local	status	Associated TK	uses	Part used	Other details	c.knowledge holder		
shrub,tree)	Local Hame		, arredy	habitat	Past	Present			1	market/own use			
Plant	Bankakri	Podophyllum hexandrum	Wild	Temperate	Available	Available	NIL	It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer	Fruit	Market,own use			
Tree	Kainth	Pirus serotina											
Tree	Drankh	Melia azedarach											
Tree	Apricot	Prunus armeniaca											
Tree	Trimbal	Ficus auriculata											
Shrubs	Rasound	Berberis lycum											

Herb	Jungli Pudina	Mentha arvensis L					
Trees	Kandla	Premna Serratifolia					
Herb	Sonf	Foeniculum vulgare					
Herb	Methi	Trigonella foenum-graecum					
Herbs	Guchi	Morchella esculanta					
Herbs	Pudina	Mentha longifolia					
Herbs	Kau	Olea cuspidata					

	Format 23: Wild relatives of Crops												
1	2	3	4		5	6	7	8	9	10			
Local	Scientific	Associated crop	Landscape / Habitat	Local	Status	Uses	Part	Associated	Other details	Community /			
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	ТК		Know holder			
Daru	Berberis aristata												
Apricot	Prunus armeniaca												
Akhrot	Juglans regia												
Ber	Ziziphus jujuba												
Sonf/Bodiyana	Foeniculum vulgare												

	Format 24: Ornamental 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						
Gulab	Rosa rubiginosa	Wild	Forest	Non commercial	Nil	Nil							
Kagaz posh	Bougainvillea	Wild	Forest	Non commercial	Nil	Nil							

	Format 25: Fumigate / Chewing Plants										
1	2	3	4	5		6	7	8	9	10	11
Plant (herb,shrub,Tr	Local Name	Scientific Name	Variety	Habitat	Local status		uses	Part used	Ass.TK	Other details	Community
ee)		Scientific Maine	Variety	Habitat	Past	Present	u3C3	I alt useu			knowledge holder
Herb	Pudina	Mentha spp.	Local, Hamdan, Galhar	Temperate	-	-	As dry fruit and too overcome teeth ailments	Lead and bark	Overcomes mouth smell and overcomes teeth problems	-	Farming community of the district
Herb	Methi	Trigonella foenum- graecum	Local	All	-	-	Bark and stem used to overcome throat and lung infections	Stem and bark	Overcomes throat and lung infections	-	Farming community if the district
	Sonf/Bodiyana	Foeniculum vulgare									
Shrub	Bana	Vitex negundo									
Besa	Salix Alba	Tree									

Dhania	Coriandrum sativum					
Timbru	Zanthoxylum armatum					
Kembal	Lannea coromandelica					

	Format 26: Timber Plants										
1	2	3	4		5	6	7	8			
L and Name	Seizertifie Neuro	Scientific Name Habitat Local Status Other uses, if any Associated Tk			A	Community					
Local Name	Scientific Name	Haditat	Past	Present	Other uses, if any	Associated 1 K	Any other detail	knowledge holder			
Deodar	Cedrus deodar	Tree				Commercial, own use	Furniture, roofing	Self observed			
Kail	Pinus wallichiana	Tree				Commercial, own use	Furniture, roofing	Self observed			
Akhrot	Juglans regia	Temperate areas				N.A	N.A	Generally, held by community			
Kau	Olea cuspidata										

1	2	3	4		5	6	7	8	9	10
Diant Tune	Local Name	Scientific Name	Habitat	Local Status		Parts Collected	Commercial Uses	Other Uses		Community/ Knowledge Holder
Plant Type	Local Maille	Scientific Marie	Πάθιται	Past	Present	(if any)	(if any)	Other Oses	Associated TK	Holder

Format 27	ormat 27 B: Coastal and Marine 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 Holder	
Annia Type		Scientific Maine	Habitat	Past	Present	(if any)	(if any)	ould osts	Associated TK	Holder	

	Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)											
1	2	3	4	5	6	-	7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	status	uses if any	any Ass. TK	Mode of hunting	Other details	Community/ Knowledge Holder
	Local Pullic		mubitut	Description	seen	Past	Present	uses it uny	155, 11	finde of humang	other details	
Mammal Carnivore	Chitra	Panthera pardus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Reech	Selenarctos thibetanus	Forest		Summer season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	shal	Herpetes auropunctatus	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Gidh	Cains aureseus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Rodent	Navel	Lepus nigricollis	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Chakor	Alectoris graeca	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Khukhow	Clamator Jacabinu	Forest		Spring season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	DhikCharak	Picus cholorolophus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Ghugi	Streptopelia decaocto	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Kova	Corvus macrorhynchos	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Snake	Surf /sap		Forest /water		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	

	Format 29: 1	Flora	URBAN BIODIVERSITY						
1	2	2 3		5	6	7			
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)			
1	Gutta	Tagetes Patula		Terrestrial/Subtropical	Grows round the year	Common			
2	Gulab	Rosa spp		Terrestrial/Subtropical	Perennial flower	Common			
3	Guldaudi	Chrysanthemum spp.		Terrestrial/Subtropical	Winter flower	Common			
4	Panj Tara	Largerstromia indica		Terrestial, Intermediate	Pink flowers	Common			

	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.)				
Nil	Nil	Nil	Nil	Nil	Nil				

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

End of Part II