People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Bhabore
Taluk: Ghat
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti: 286.1 hac.
Population under the Panchayat Samiti: 2040
Male: 990 Female: 1050
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: 11/2019 as per BMC (Register not available)
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM):- Community owned and managed forest open forest.

Annexure 1
Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the loobody; not less than one third to be women and not less than 18% belonging to SC/ST)
1) Name of the Chairperson: Mohd sadeeq S/o Mohd. Ashraf
Age: 32
Gender: Male
Address: Bhabore
Area of specialization: Agriculturist (PRI/ Sarpanch)
2) Name: Mohinder Singh S/o Madan Singh
Age: 38 years
Gender: Male
Address: Bhabore
Area of specialization: Agriculturist (PRI Member)
3) Name: Mohd Ashraf S/o Gh. Mohd
Age: 39 years
Gender: Male
Address: Bhabore
Area of specialization: Agriculturist
4) Name: Bipan Lal S/o Man chand
Age: 40 years
Gender: Male
Address: Bhabore
Area of specialization: Agriculturist (PRI Member)

5) Name: Zaheer Abbas S/o Ab. Rashid
Age: 37 years
Gender: Male
Address: Bhabore
Area of specialization: Agriculturist
6) Name: Sandeep Kumar S/o Suran Chand (Changed)
Age: 31
Gender: Male
Address: Bhabore
Area of specialization: Agriculturist
7) Name: Gul Shobar D/o Ab. Rashid
Age: 28
Gender: Female
Address: Bhabore
Area of specialization: Agriculturist

Annexure-2
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occu within the jurisdiction of the village
1)Name: Smt. Bimla Devi Wo Madan Singh
Age: 58 years
Gender: Female
Address: Baboor
Area of specialization: Dai
Location from which the person accesses biological material: Baboor
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name: Raj Devi W/o Lt Man Singh
Age: 66 years
Gender: Female
Address: Baboor
Area of specialization: Dai / Hakim
Location from which the person accesses biological material: Baboor
Perception of the practitioner on the resource status:
Medicinal Use:
3)Name: Mohd. Akbar S/o Alimdu
Age: 65 years
Gender: Male

Address: Baboor
Area of specialization:
Location from which the person accesses biological material: Baboor & Adoininig areas
Perception of the practitioner on the resource status:
Medicinal Use:
4)Name: Gulab Din S/o Amira Shah
Age: 65 years
Gender: Male
Address: Baboor
Area of specialization: Hakim
Location from which the person accesses biological material: Baboor & Adoininig areas
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 of the Chairperson: Mohd Isaaq (Edu)
Age: 47
Gender: Male
Address: Bhabore
Area of specialization: Agriculture
2) Name of the Chairperson: Mohd. Sadeeq S/o Mohd. Ashraf (PRI / Sarpanch)
Age: 27 years
Gender: Female
Address: Baboor
Area of specialization:
3)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

	Annexure 4
D ₀	etails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in th reparation of the PBR
1)	Contact Person: 9797461517
	Name and Address: Sanjay Kumar S/o Brij Lal R/o Baboor
2)	Contact Person: N/A
	Name and Address: Jia Ram S/o Mangal Sain R/o Baboor, Agriculture
3)	Contact Person: 9596928653
	Name and Address: Bringal S/o Roopar R/o Baboor
4)	Contact Person: Ab. Rashid S/o Gh. Mohd. R/o Baboor
	Name and Address: 9622283732
	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 Name of the biological material Accessed 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

Part II PBR – Formats AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6		7		9	10	11	12	13	14
Сгор	Scientific Name	Local Name	Variety	Landscape	Approx	Loca	l Status	Special features	Cropping	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community /Knowledge Holder
Crop	Section 1 value	Zvem i veme	, arrecy	/Habitat	Area Sown	Past	Present		Season					
Maize	Zea mays	Kookri	Plandri, Rashi 4794, Bio-9621, DMH-7314, Bio-9220	Hilly, temperate and Intermediate	21205 На	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 На	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	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 На	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	Macrotylomauniflor um	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	Mustard cake used for treatment of various ailments in cattle		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 Kansargermpl asm	-	-	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	indigenously adopted methods, moreover, for other varieties	Tk holders for seed production are farmers across the district especially from Bhaderwah, Chinta and Kelad areas.
Rice	Oryza sativa	dhan Munji												

Format-2: Fruit Plants

	1	Γ	<u> </u>							T												
1	2	3	4	5	6	6		6		6		6		6		6		8	9	10	11	12
Plant	C	T 131		Landscape	Local S	Local Status		Season of	Associated TK		Other Details	Community										
	Scientific Name	Local Name	Variety	/Habitat	Past	Present	Source of Seeds / Plants	fruiting	Associated TK	Uses	markt / own use	/Knowledge 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										

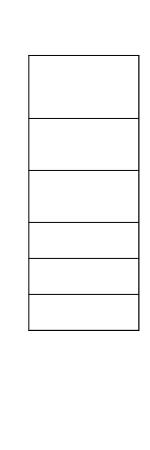
Plum	Prunus salicinia	Aaloo Bukhara	santa rosa, Allo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries, locally raised	July-august	fruit	Maketing , own use
Persimmon	Dios spyrus	Amlook	Local	Tree, regular bearing	Mid/temperate hills	Rare	Rare	locally raised	July-august	fruit	Marketing
Olive	Olea europea	Khao, jaiton	Local, Carotina	Tree, regular bearing	Mid/temperate hills	Rare	Rare	Govt. Nurseries	August-October	fruit	Marketing
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 3:-Fodder Crops / Species

1	2	3	4		5	6	7	8	9
Plant	Scientific Name	Local Name	Landscape	Local	Status	Source of Seeds / Plants	Associated TK	Part Used	Other Details
			/Habitat	Past	Present				
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	
Berseem (Egyptian clover)	Trifoliumalexandrinu m	Ghaas	Irrigated areas Temperate	Minor 150 Ha	-	Private seed dealers	-	Shoot areas	
Tree	Acacia nilotica	Kikar							
Tree	Drankh	Melia azedarach							

Tree	Kahu	Olea cuspidata Wallich ex G. Don				
Trees	Safeda	Eucalyptus spp.				
	Tooth	Morus alba				
	Alrus					
	Sisoo					
	Baras					

10 Community /Knowledge Holder Stored in locally mode indigenous structure called tye-



Format-4: Weeds

		1										
1	2	3	4	5	6		7	8	9	10	11	12
Disease	Scientific Name	T I NT	Afficial Cours	I	Landscape	Lo	ocal Status	Y	Management	Associated	Source of	Community
Plant	Scientific Name	Local Name	Affected Crop	Impact	/Habitat	Past	Present	Uses if any	Options	TK	Seeds / 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 На	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 На	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	SaolanumXanthocar pum	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	1	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Eichhorniacrassepe s	Pannijadi	Water hyacinth	Temperate and intermediate areas of the District	1250 На	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	Cardiospermumhali cacabum	-	Lataphatkari	Temperate and intermediate areas of the District	26000 На	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	Partheniumhyspero phorus	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	1	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed

Format-5: Pests of Crops

1	2	3	4	F	6	7	8	9	10
1	2	3	4	5	b	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
						Soil solarisation in May or June.			
Paddy	Stem borer	Scirpophaga incertulas	Tanna shedak	Paddy fields	July to September	1. 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 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	Cereal Leaf Beetle	Oulema melanopus		Kharif	Kharif	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.	
						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.		

Maize	Corn worm	Helicoverpa armigera	sundi	Maize cobs	Kharif	Installing pheromone traps @ 6-10/acre. 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.		
Paddy	Cut worm	Agrotis.spp	toka	Maize Field	Kharif	Setting up light traps for adults @ 1/acre. Installing pheromone traps @ 6- 10/acre 1. Spray NSKE 5% against eggs and first instar larvae. 2. Spray crop with BT (Bacillus thuringiensis) @ 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	
Brinjal	mites	urticae	juan	1 Oryphagous	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	Fal shedak	Polyphagous	March to October	Collect and destroy the inefsted leaves with grubs and egg masses.		
			r ur snoduk			Regular hoeing of the soil beds. Spray neem oil @ 5ml/ly wate.		
						Spray cypermethrin 25% EC@ 60-80 ml in 200 l 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		
Okra	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		
		isnuu		-		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@		
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.		

	Format 6: Markets for Domesticated animals												
1	2		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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil						

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: 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			SC: 45 , ST - 07, OBC- 350	
Others	Agriculture/ Employees		Agricultureal land, Pastures, Farm land		Land lavelling	Cow dung as manure, insecticide, pesticide, fungicides, Antibacterial sprays	Gen, Hindu, Muslims ,SC, ST, OBC	Agriculture - 80% Agr 20%	Traditional	Others: 450
									Hindu- 40, Muslim - 60%	

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

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

	Format-9: Waterscape													
1	2	3	4	5	6	7	8	9	10	11	12	13		
Waterscape	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
Alluvial Soil, SiltClay Loamt oClay	Dar kbr ownt o bl ack(Sandsl i tcl ay)		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				 				ı				
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 Seeds	Season of	Usage	Associated	Other Details markt / own	Community / Knowledge
	Scientific Figure	Zvem i veme	, arrety	11401	/Habitat	Past	Present	/ Plants	fruiting	osuge	TK	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	
Lime	Nimbu	Citrus aurantifolia	Kagzi	Agri.Land	Available	Abundant	Seeds/Plant	Nov-Dec	-	Own use /Market	-		
	Kinnow	Citrus nobilis x Citrus deliciosa.											

Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

1	2	3	4	5	6		7	8	9	10	11	12
Dlant Type	Local Name	Scientific Name	Variaty	Landscape/	Source of	Location Status		Hose (wange)	Down wood	Associated TK	Other details	Community
Plant Type	Local Name	Scientific Name	Variety	Habitat	Plant/seeds	Past	Present	Uses (usage)	Part used	Associated 1K	market/own use	know Holders
Herb	Pyaz	Allium cepa	local	Temperate	Cultivated	available	Available	To cure cold and cough	Roots	To relive cough and cold	Extract	
Herb	Lahsun	Allium sativum	local	Temperate	Cultivated	available	Available	Medicinal use to heal wounds	Whole plant	Used for wounds	As such	
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

	Akhrot	Juglans regia			Generally, held by community				
	Timbru	Zanthoxylum armatum							
	Trimbal	Ficus auriculata							
	Jungli Pudina	Mentha arvensis L							
	Kandeli								
Tree	Kainth	Pyrus pashia			Leaves, fruits	Leaves are used for staining purposes and fruits are edible	Traditional Medicines	-	Self observed
Tree	Draink	Melia azedarach			Antioxidant, antianalgesic, antidiabetic	Leaves and Seed	Own use	-	Self observed
	Sonf	Foeniculum vulgare							
Herb	Banafsha	Viola odorata			Throat problem,Cold,coug h	Flower			

Format 13: Ornamental Plants/ Trees/Climbers etc.

							1		
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	Bottle brush	Calistemom lanciolatus	-	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Different parts in diarrhea	Flowers in june	Floriculturist /forest officials
Ornamental tree	Golden privet	Ligustrum vulgare	-	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Different parts in diarrhea	Flowers in june	Floriculturist /forest officials
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
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

Format 14: Timber Plants / Trees

1	2	3	4	5		6	7	8	9	10
Dis at T	T. and No. and	Coloniff None	Walter	Local	status	Wild/ home-	0.1	A I TIV	Other days	Community/
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	Other uses (multi)	Associated TK	Other details	Know. holder
Tree	Walnut	Juglans regia	Temperate	Least	plenty	Wild, home	Furniture, tooth cleaner	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	Khau	Olea cuspidata	Temperate	Plenty	least	Wild	Firewood	Wood used for furniture	unknown	
Tree	Kainth	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	

Format 15: Domesticated Animals

1	2	3	4	5	6	7	7	8	9	10	11	12
Assistant Trans	Local Name	Scientific Name	Breed (local/	Fraterina	Method of	Local	Status	Uses	Associated	Commercial	Other details including	Community
Animal Type	Locai Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	TK	rearing	products and Services	Know.Holders
Cattle	Gai	Bos indicus	ND	Cow Yield	Backyard	Abdundant	Dereases	Dairy	Nil	No	Milk	All
Cattie	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
Bullato	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
	Goat	Capra Aegagrus										
	Sheep	Ovis Aries										

	Format 16: Culture Fisheries													
1	2	3	4	5	6	:	7	8	9	10	11	12		
Fich Type	Local Name	Scientific Name	Variety	Features	Waterscape (Pand/Rhori/T	Vaterscape Local status ond/Bheri/T		Uses Associated		Commercial	Commercial Col 1			
Fish Type	Local Name	Scientific Name	variety	Features	alao)	Past	Present	Uses	TK	Rearing	Other details	Know. Holders		
	Pahari fish		Pahari			Yes	Rare			Markets/ Own use		Traditional		

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

Format 17: Markets / Fairs for Domesticated Animals, Medicinal 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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5		6	7	8	9	10	11
					Local status						Community
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	Commercial / own use	Part collected	Associated TK	Other details	Knowledge Holder
Tree	Chir	Pinus roxburghii		Temperate areas	Dense	Lease dense	commercial , own	Timber/ Firewood	Resin	Roofing, furniture etc	Locals
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	
Shurb	Kalveuth	Prunella vulgaris	Grow Annually				Useful to treat infections & other illnesses,inflammation,pr otect against cancer,prevent diabetes complications.	Leaves & Flowers			
Tree	Deodar	Cedrus deodara	Tree				Commercial, own use	Whole for different uses		Roofing, furniture etc	

Tree	Kail	Pinus wallichiana	Tree				Commercial, own use	Whole for different uses		Roofing, furniture etc	
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									
	Timbru	Zanthoxylum armatum									
	Kandeli										
Tree	Kahu	Olea cuspidata Wallich ex G. Don	Grow Annually	Forest	Plenty	Rare	bark used for fracture, leave use for treatment of malaria, UTI	Bark,Leaves			

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
7	Shisham	Dalbergia sissoo	Sub Tropical	Available	Available
8	Kau	Olea cuspidata		economic	Rare
9	Kiker	Acacia nilotica			

10	Tuni	Toona ciliata	Tree	Lower shiwalik	Abundant
11	Timbru	Zanthoxylum armatum			
12	Santha	Dodonaea viscosa			

			Fo	rmat 20: Aqua	atic Biodi	versity						
1	2 3 4 5 6						7	8	9	10		
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Local Status		Uses	Associated TK	Other details	Community knowledge
Local Ivalia	Scientific Paint	variety	reduits	Tiubitat	Past	Present	USCS	Associated TX	Other details	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		

Format 21: Wild Aquatic Plant Species of Importance											
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.	_			Landscape/	Local	status			_	Other details	c.knowledge
Plant(herb, shrub,tree)	Local Name	Scientific Name	Variety	habitat	Past	Present	Associated TK	uses	Part used	market/own use	holder
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	Kau	Olea cuspidata					
	Timbru	Zanthoxylum armatum					

	Format 23: Wild relatives of Crops												
1	2	3	4	Į.	5	6	7	8	9	10			
Local	Scientific			Uses	Part	Associated		Community /					
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	TK	Other details	Know holder			
Daru	Berberis aristata												
Apricot	Prunus armeniaca												
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
Rose HT	Rosa spp.	-	Do	Do	Rose petals used as antiseptic, rose hips high in vit.c	Flowers may-june	Do
Gulab	Rosa rubiginosa	Wild	Forest	Non commercial	Nil	Nil	
Kagaz posh	Bougainvillea	Wild	Forest	Non commercial	Nil	Nil	
Gutta	Tagetes patula						

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (herb,shrub,T	Local Name	Scientific Name	Variety	Habitat	Local	status	uses	Part used	Ass.TK	Other details	Community knowledge
ree)	Local Name	Scientific (Value	v ar iety	Habitat	Past	Present	uses	rait useu	A55.1K	Other details	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				
	G : JG N	w 1	Local S	Status		A 1571		Community				
Local Name	Scientific Name	Habitat	Past	Present	Other uses, if any	Associated Tk	Any other detail	knowledge holder				
Chir	Pinus rouxburghii	Temperate areas	Dense	Less dense	Commercial/Own	Whole for different uses	Roofing, furniture etc	Generally, held by community				

N.A

Generally, held by community

N.A

Akhrot

Kau

Juglans regia

Olea cuspidata

Temperate areas

1	2	3	4	5	5	6	7	8	9	10
DI .T	T 137	C	TT 1	Local	Status	Parts Collected	Commercial Uses	O.I. II	A 1. 1. 1. T. Y.	Community/ Knowledge
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Community/ Knowledge Holder

						1			<u> </u>	
1	2	3	4	!	5	6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local	Local Status Past Present		Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder
Animal Type	Local Name	Scientific Name	Habitat	Past			(if any)	Other Oses	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	Local status				Ass. TK	Mode of hunting	Other details	Community/
Animal Type	Locai Name	Scientific Name	Haoitat	Description	seen	Past	Present	uses if any	Ass. 1K	Mode of nunting	Other details	Knowledge Holder		
Mammal Carnivore	Chitra	Panthera pardus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem			
Mammal	Gidh	Cains aureseus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem			
Mammal	Fakal	vulpes vulpes	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	Titar	Frabcikubys francolinus	Forest		Not available	Available	Less	No		Prohibited	Maintains forest ecosystem			
Bird	Chakor	Alectoris graeca	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	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	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	
Fishes	Machli	Himalayan trout	water	All time	Available	Available	No		Prohibited	Maintains forest ecosystem	
Reptiles	Oriental garden lizard	Calotescf. versicolor	Forest/village	All season	Common	Common		Unknown			Generally, held by community

	Format 29: I	Flora	URBAN BIODIVERSITY							
1	2	3	4	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.)
1	Black bear	Ursus americanus	Mammal	Forest	Rare
2	Chuha/Rate	Mus booduga	Mammal	Home/forest	Common
3	Wild fox	Vulpes vulpes	Mammal	Home/forest	Common
4	Wild cat	Felis silvestris	Mammal	Home/forest	Common
5	Rats	Terera Indica			
6	Snow leopard	Uncia uncial			
7	Snake	Serpentes			
8	Kankoli	Elaeagnus multiflora			
9	Lizards	Lacertilia			
10	Frog	Anura			

11	Cinereous Tit	Parus cinereus		
12	Butterfly	Rhopalocera		
13	Rai			
14	Bichoo	Typhlochactas mitchelli		
15	Makdi	Araneae		
16	Halo			

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

End of Part II