People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Derka
Taluk: Bhalla
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti: 399.5 Hac.
Population under the Panchayat Samiti: 2382
Male: 1246 Female: 1136
Habitat and Topography:
Climate (Rainfall, Temperature and weather patterns):
Land Use (Nine fold classification available with village records):
Date, Month and Year of PBR Preparation: 16.11.2019

nnagement Regime: Reserrest(COM):-	rve Forest (RF/Joint I	Forest Managemen	t(JGM)/Protected	l Areas(PA)/ Con	nmunity Owned	and Manage

Annexure 1
Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body; not less than one third to be women and not less than 18% belonging to SC/ST)
1)Name of the Chairperson: Mohd. Amin
Age: 65 years
Gender: Male
Address: Bhalla
Area of specialization: Agriculture / Revenue
2) Name: Naseema Begum
Age: 48 years
Gender: Female
Address: Duggar
Area of specialization: Farming
3) Name:- Fehmida Begum
<b>Age:</b> 45
Gender: Female
Address: Bhalla
Area of specialization: Farming
4)Name: Jagdish Raj
Age: 55 years
Gender: Female

Address: Bhalla
Area of specialization: Farming, Animal Husbandry
5)Name: Abdul Rehman
<b>Age:</b> 60
Gender: Male
Address: Bhalla
Area of specialization: Farming/ Animal Husbandry
6)Name: Mohd. Shrif
Age: 50 years
Gender: Male
Address: Duggar
Area of specialization:
7)Name: Ali Mohd. (ST)
Age: 49 years
Gender: Male
Address: Duggar
Area of specialization:

Annexure-2
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1)Name: Parvaiz Ahmed S/o Mohd. Iqbal
Age: 35 years
Gender: Male
Address: Upper Bhadir
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
3)Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name of the Chairperson: Ashok Kumar
<b>Age:</b> 45
Gender: Male
Address: Bhalla
Area of specialization: Forest
2) Name of the Chairperson: Mohd. Shafi
<b>Age:</b> 55
Gender: Male
Address: Bhalla
Area of specialization: Agriculture
3)Name of the Chairperson: Asif Tantrey
<b>Age:</b> 32
Gender: Male
Address: Bhalla
Area of specialization: Ayurveda
4)Name of the Chairperson: Mohd. Ashraf
<b>Age:</b> 45
Gender: Male
Address: Bhalla
Area of specialization: Fisheries

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:
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address: Mubarak Ahmed ( GRS)
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

#### Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

S.No	Name and address of the Person/Institute/company others	Local and Scientific 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	8	9	10	11	12	13	14	
Crop	Scientific Name	Local Name	Variety	Landscape	Approx	Local	Status	Special features	Si-l ft	Cropping	Uses	Associated TK	Other Details	Source of Seeds /	Community
Стор	Scientific Paint	Local Name	variety	/Habitat	Area Sown	Past	Present		Season	CSCS	71330Clutcu TX	Other Details	Plants	/Knowledge Holder	
Maize	Zea mays	Kookri	Plandri, Rashi4794, Bio-9621, Bio- 9220	Hilly temperate and intermediate	21205ha	Local	Improved varieties	April sown, local variety dentles, corn & flour sweet in taste	Kharif	Major food item, used as flour, feed to cattle, poultry etc.	Local variety plandri sown before 15 <sup>th</sup> april.		HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK	
Wheat	Triticuma estivum	Kanak, gandham	HS-240, VL- 804, HS-507	Hilly, temperate and intermediate	5603ha	Local varieties	Improved varieties	Late maturity	Rabi	Food item, used as flour, feed to cattle, poultry etc.			HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK	
Rice	Oryza sativa	Chawal	Veliyan	Lowland valleys	n/a	Plenty		Tall variety , High yield, resistant to drought, flood, pest,and diseases	May to October	Food, Fodder, Fuel, Roofing, Matting	Energy production	Suitable for Valichia Cultivation	Self, Agriculture Department	Kurichiya, Kuruma, W. Chetty	
Barley	Hordeum vulgare	Joo	Local barley, ratna, sonu	Hilly, temperate and intermediate	3450 ha	Local varieties	Improved varieties	Most efficient under rainfall conditions	Rabi	Grains used as cattle feed besides, green crop used as fodder.			Self, Agriculture Department	Local/ Aged farmers of rural communities possess TK	
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	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 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.
Peas	pisum sativum	Matar												
Potato	Solanum tubersum	Aloo												

### Format-2: Fruit Plants

					rvi illat-2 .	1 Tule 1 lui						
1	2	3	4	5	6	i	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape	Local	Status	Source of	Season of	Associated	Uses	Other Details markt / own	Community /Knowledge
				/Habitat	Past	Present	Seeds / Plants	fruiting	TK		use	Holder
Apple	Malus Domestica, Borkh	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use
Pear	Pyrus Spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation		Marketing, Own use
Peach	Prunus Persica(L) Batsch	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit		Marketing, 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	Akhrot	Paper/Thin Shhelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation		Marketing, Own use
Plum	Prunus Salicinia	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug	Fruit		Own use
Persimmon	Dios Spyrus	Amlook	Local	Tree, regular bearing	Mid/ Temperate Hills	Rare	Rare	Locally Raised	July-Aug	Fruit		Own use

Pecannut	Carya illinoenis	Pecan	western shell	Mid/temperate hills	rare	rare	Nurseries	Sept-Oct	Dry Fruit	Marketing	
Plum	Prunus salicinia	Aaloo Bukhara	santa rosa, Allo Bukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-august	fruit	Maketing , own use	
Persimmon	Dios spyrus	Amlook	Local	Mid/temperate hills	rare	rare	locally raised	July-august	fruit	Marketing	
Olive	Olea europea	Khao, jaiton	Local, Carotina	Mid/temperate hills	rare	rare	Govt. Nurseries	August- October	fruit	Marketing	
Quince	Cydonia oblonga	bhai	local	Mid/temperate hills	rare	rare	locally raised	July- September	fruit, seed	own use, Marketing	

# Format 3:-Fodder Crops / Species

1	2	3	4		5	6	7	8	9	10
DI4	C. C. N.	T I N	Landscape	Local	Status	Source of Seeds /	A	Dead Hand	Odkan Data In	Community
Plant	Scientific Name	Local Name	/Habitat	Past	Present	Plants	Associated TK	Part Used	Other Details	/Knowledge Holder
Oats	Avena sativa	Ghaas	Temperate and intermediate	Local varieties	Improved Varieties	Seed saved from previous year's crop, department of agriculture or private seed stores	Stored in locally mode indigenous structure called tye-	Grains for seed purpose and also used as dry fodder		
Berseem (Egyptian clover)	Trifoliumalexan drinum	Gjaas	Irrigated areas	-	Improved varieties	Private seed dealers		Green fodder for cattle. Besides, fodder is also dried		

### Format-4: Weeds

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Affected Crop	Impact	Landscape	Local	Status	Uses if any	Management	Associated	Other Details	Community /Knowledge
Plant	Scientific Name	Local Name	Affected Crop	impact	/Habitat	Past	Present	Oses II ally	Options	TK	like exotic	Holder
Ipomoea	Ipomea spc.	Zeharbael	Maize	Destroys the plant	temperate and intermediate	No weed management`	Scientific based weed management	Nil	Proper and timely removal	Nil	N/A	N/A
Ipomoea	Ipomeaaqatica	Ghaas	paddy	Destroys the plant	temperate and intermediate	No weed management`	Scientific based weed management	Nil	Proper and timely removal	Nil	N/A	N/A
Celosia	Celosia Argentina	Neeli	Paddy	Destroys the plant	temperate and intermediate	No weed management`	Scientific based weed management	Ni;l	Proper and timely removal	Nil	N/A	N/A
Mash	Cyprus esceluntus	Ghass	-		Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed

Paddy	Ipomeaaqatica			Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed
Paddy	Celosia argentina	Neeli	Cocks comb	Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers		-	-	-	No TK associated with either knowledge or management of Ipomea weed
All crops	SaolanumXanthocarp um	Janglipatha	Wild eggplant	Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	٠	-	-	-	No TK associated with either knowledge or management of Ipomea weed
Paddy	Eichhorniacrassepes	Pannijadi	Water hyacinth	Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	1	-	-	-	No TK associated with either knowledge or management of Ipomea weed
All crops	Viciahirsua	ı	Chingarisak	Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	1	-	-	-	No TK associated with either knowledge or management of Ipomea weed
All crops	Cardiospermumhalic acabum	-	Lataphatkari	Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers		-	-	-	No TK associated with either knowledge or management of Ipomea weed

All crops	Rumexcrispus	Janglipalak		Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed
All crops	Setariaglauca	Shitta	Foxtail	Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed
All fields	Partheniumhysperoph orus	Chittaka		Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed

					Format-5: P	ests 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		
						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			
	Aphids	Sitobin avenae	Tella	Polyphagous	Feb-April	Proper spray of insecticides			
	Pink stem borer	Sesamia inferns	Ludi	Polyphagus / debris	Nov-feb	Field sanitation and continuously remove and destroy the affected plants and stubbles completely.			

						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.	emance recovery	
	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	July to October	Crop rotation, Soil application with neem cake @ 100-120 kg/ ha		
		siercoraus		fields		Soil Application of Cartap Hydrochloride 4G @1.25kg/kanal or Carbofuran 3G @1kg/kanal or Chloroprifos 10G @ 500 gm/ kanal		

	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 when approx 50% of eggs are	

Wheat	Cereal Leaf Beetle	Oulema melanopus		Kharif	Kharif	Destroy the eggs manually if possible.	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.		
						Installing pheromone traps @ 6-10/acre.		
						Spray NSKE 5% against eggs and first instar larvae.		
Maize	Corn worm	Helicoverpa armigera	sundi	Maize cobs	Kharif	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.		

	Format 6: Markets for Domesticated animals													
1	2	3	4	5	6	7	8	9						
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish						
Nil	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				
	Govt. Employees	Farming	Farmlands	Do	Do	Timely & Proper fertilizers, Insecticides, fungicides and anti- bacterial sprays	GEN	NA	NA	136				
	Farmers	Farming	Farmlands	Do	Do	Do	SC	NA	NA	69				
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	GEN	NA	NA	121				
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	ST	NA	Na	55				
	Govt. Employees	Agriculture, Horticulture	Farmlands	Traditional Practices and accessed mainly after February till October	Land Levelling, Terrace formation	Do	SC	NA	NA	58				

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc How the community manages the landscapes they use for satisfying different needs, their strategies and perception How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

	1		2	3	4	5	6	7	8	9	10	11	12
Major	Landscap	es	Sub -	Features and	Orymovskia	General flora	General fauna	User	Management	General uses	Associated TK	Other details	Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	General nora	General launa	groups	practices	General uses	Associated 1 K	Other details	accessed
Cutivated			Cultivated	Fertile land 120 ha	Private	Plants, Herbs	Rodents, insects	Villagers	Crop Rotation, Terracing	Cultivation	Used for farming	Nil	Low income communities
Non Culvited		Non-Irrigated Land	Less fertile 15 ha	Govt. as well as private	Marshy, Swampy plants	Insects and Amphibians	Villagers	Crop Rotation, Terracing	Cultivation	Available for farming	Nil	Low income communities	
For	Forest Land		Forest Land	Forests 120 ha	Govt. Land	Deodar, Pine, Spruce etc.	Wild animals, Insects	Villagers	Afforestation, Closers	Firewood, timber, medicinal plants etc.	N/A	Nil	Every Community
Grazing Land		Non-Irrigated Land	Lush Green 45 ha	Govt. Land	Plants, Herbs	Rodents, insects	Villagers	Nil	N/A	N/A	Nil	Every Community	
Irrigated Land		Irrigated land	Fertile land 99.5 ha	Private land	Rice, Vegetables flowers etc.	Amphibians, Insects	Zamindars	Canals, Channels, Khuls, Distributories etc	Crop Cutivation	Available for farming	Nil	Every Community	

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	
River	Stream	Fresh water	Govt./ panchayat	Bryophytes, ferns	Amphibians, Snow trout	Drinking water, irrigation, daily use etc.	Locals	Check-Dams, Strengthening of river banks	Drinking, HH activities, irrigation	Na	Na	General public of Panchayat	
Canals	Khuls	Irrgational khuls	Govt./ Panchayat	Crop like fruits, vegetables and flowers	Frog, tadpole	Irrigation	Locals	De-silting, timely repairs	Irrigation	Na	Na	General public of Panchayat	
Nallah	Nallah	From glacier or spring	Govt./ Panchayat	Crop like fruits, vegetables and flowers	Frog, tadpole	Irrigation, drinking water, daily use	Locals	Nallah-bunding, Check-dams etc	Irrigation	Na	Na	General public of Panchayat	

	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, Silt clay, Loam to clay	Dark brown to black (sand, slit and clay)	Fertile and rich in organic matter, high mineral contents	Needs regular balnced fertilizer, crop rotation and mulching etc.	Paddy, Maize, Walnut, Apple, Apricot, Plum	Deodar , Kail, Cynodon, Cow, Buffalo, sheep, goat, horse	Nil	Land is sloppy, loose and sliding						
Sandy, Loamy, Clay													

## **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 Seeds /	Season of	Usage	Associated	Other Details	Community /Knowledge
	Section 1 value		v air recy	11401	/Habitat	Past	Present	Plants	fruiting	- Juge	TK	markt / own use	Holder
Apple	Malus Domestica, Borkh	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	
Pear	Pyrus Spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation		Marketing, Own use	
Peach	Prunus Persica(L) Batsch	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit		Marketing, 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	Akhrot	Paper/Thin Shhelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation		Marketing, Own use	
Plum	Prunus Salicinia	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug	Fruit		Own use	
Persimmon	Dios Spyrus	Amlook	Local	Tree, regular bearing	Mid/ Temperate Hills	Rare	Rare	Locally Raised	July-Aug	Fruit		Own use	
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	
Olive	Zaitoon	Oleaeuropea	Carolea, CoratinaFrontoio ,		Mid hills	-	-	Govt. ACHD Ramban	Rainy	-	Oil		Farmer/ Department of Horticulture
Persimmom	Diospyrus kaki	Amlook	Fuyu, Jiro, Hachia		Mid hills	-	-	Govt. Nurseries	Rainy	-	Fresh/Dry Fruit		Farmer/ Department of Horticulture

Lime	Nimboo	Citrus aurantifolia	Kagzi, Eureka lime, Baramasi	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Around the year	-	Fresh Fruit	-	Farmer/ Department of Horticulture
Pomegranate	Anardana, Daroo	Punicagranatu m	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Anardana		Farmer/ Department of Horticulture
Kiwi	Kiwi	Actinidiadelici osa	Allison, Abbot, Tomuri, Hayward	Mid hills upto High hills	-	-	ACHD Ramban	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Fig	Ficuscarica		Local	Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture

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

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Locatio	on Status	Uses (usage)	Part used	Associated TK	Other details	Community
Flant Type	Local Name	Scientific Ivallie	Variety	Habitat	Plant/seeds	Past	Present	Uses (usage)	r art useu	Associated TX	market/own use	know Holders
Herb	Pyaz	Allium cepa	Local	Temperate	cultivated	Available	Available	To cure cough and cold	Root	Used for cough and cold	Extract	Self-observation
Herb	Lahsun	Allium sativum	Local	Temperate	cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	As such	Self-observation
Herb	Pudina	Menthe spicata	Local/wild	Temperate	cultivated	Available	Available	To cure infections	Leaf	Used for infection	Medicated acupressure	Self-observation
Herb	Tamatar	Solarium lycopersium	Local	Temperate	cultivated	Available	Available	To cure heart and kidney diseases	Fruit	Heart and kidney diseases	Fruit	Self-observation
Shrub (evergreen)	Kimbal	Berberis lycium	Local	Temperate- usually grow on hot dry slopes	Natural /cultivated	Available	Available	Medicinal use and used as fodder for goats and rabbits	Whole including roots	Roots have the potential to cure jaundice .Besides, a yellow dye is obtained from roots.	Both	Self-observation
Tree	Pear (Nashpati)	Pyrus communis	Local	Home-garden	graftings	Available	Available	Fruits are eddible	Fruit		Both	Self-observation
Tree	Appricot (Khubani)	Prunus armeniaca	Local	Home garden	graftings	Available	Available	Fruits are eddible	Fruit	Leaves are used as fodder	Both	Self-observation

Tree	Peach (Aadu)	Prunus persica	Local	Home garden	seed sowings	Available	Available	Fruits are edible, oil is extracted from seeds	Fruit and seeds	Leaves are used as fodder	Both	Self-observation
Climbers	Cuccumber (Khira)	Curumis sativus	Local	Home garden	Seed sowings	Available	Available	Fruits are eddible	Fruits		Both	Self-observation
Herb	Rajmash(Common Bean and French Bean)	Phaseolus vulgaris	Local	Cultivated lands	Seed sowings	Available	Available	Grains	Grains	Rajmash pulse is very famous in the region	Both	Self-observation
Herbs	Guchi	Morchella esculanta										
Herb	Nagchattri	Trillium govanianum										

# 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
Teevand	Viburnum grandiflorum	Forest	Temperate	Non commercial					
Tilpushu	Digitalis purpurea	Forest	Temperate	Non commercial					
Lavender	Lavandula angustifolia	Forest	Temperate	Commercial					

				Format 1	l4: Timber	Plants / Tree	S			
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.
Traint Type	Local Ivalie	Scientific (value	Habitat	Past	Present	garden	Other uses (multi)	71330clated Tiv	Other details	holder
Tree	Walnut	Juglans regia	Temperate	Least	plenty	Wild, home	Furniture, tooth cleaner		unknown	
Tree	Banj	Quercus incana	Temperate	Plenty	plenty	Wild	Firewood		Unknown	
Tree	Apricot	Prunusar meniaca	Temperate	Least	plenty	Wild, home	Furniture, firewood		Unknown	
Tree	Peach	Prunus persica	temperate	Least	plenty	Wild, home	Firewood		Unknown	
Tree	Kharsoo	Quercus semicarpifolia	Temperate	Plenty	plenty	Wild	Firewood		unknown	
Tree	Khau	Olea cuspidata	Temperate	Plenty	least	Wild	Firewood		unknown	

Tree	Keth	Pyru spashia	Temperate	Plenty	least	Wild	Firewood	Unknown	

Format 15: Domesticated Animals												
1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/ hybrid)	Features	Method of keeping	Local Status			Associated	Commercial	Other details	Community
						Past	Present	Uses	TK	rearing	including products and Services	Know.Holders
Cattle	Desi Gai	Bos indicus	ND	Small, Low milk produce	Free range/ semi intensive	Plenty	Number decreased	Females= Dairy Males= Draft	Nil	No	Milk, Butter, curd, Ghee etc	All
	Jersey Gai	Bos taurus	CB Jersey	Larger, More Milk Produce	Free range/ semi intensive	Few	Number increased	Dairy	Nil	No	Milk, Butter, curd, Ghee etc	All
	Shari/Durangi Gai	Bos taurus	СВ НБ	Black & white	Free range/ semi intensive	Few	Number increased	Dairy	Nil	No	Milk, Butter, curd, Ghee etc	All
	Horse	Equus caballus	Local	Ht. < 9 hands	Backyard	Less No.	Very few	Pack Purpose	Nil	No	Pack	All
Equine	Mule		Local	Ht. < 9 hands	Backyard	Less No.	Inc. Pop.	Pack purpose	Nil	No	Load Carrying	All
	Desi murgi	Gallus domesticus	Local	Colored, Good meat	Backyard	Constant	Constant	Egg, meat	Nil	No	Egg, meat	All
	Farmi murgi	Gallus domesticus	Chabro Cross	Colored, more eggs	Backyard	Few	Increased	Egg, meat	Nil	No	Egg, meat	All
Poultry	Broiler	Gallus domesticus	Hybrid	White color	Deep litter	Few	Increased	Meat	Nil	Yes	Meat	All
Dog	Kutta	Canis Familiaris	Local		Stray	Abundant	Abundant	Nil	Nil	No	No	Stray
Cat	Billi	Felis Catus	Local	Grey colored	Pet	Abundant	Abundant	Nil	Nil	No	Nil	Nil

Sheep	Bhaed	Ovis aries	Local	Small size/ rough coat	Flock rearing	Plenty	Rare	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bhaed	Ovis aries	Rambouillet cross	Large size/fine wool	Flock rearing	Rare	Plenty	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
Goat	Bakri	Capra hircus	Local	Small /less weight	Flock rearing	Plenty	Rare	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bakri	Capra hircus	Kaghani (bakarwali)	Large size/ more weight	Flock rearing	Rare	Plenty	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Buffalo	Bubalus bubalis										

	Format 16: Culture Fisheries													
1	2	3	4	5	6		7	8	9	10	11	12		
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (Pond/Bheri/Tal	Loca	l status	Uses	Associated	Commercial	Other details	Community Know.		
Fish Type	Locai Name	Scientific Name	Variety	reatures	ao)	Past	Present	Uses	TK	Rearing	Other details	Holders		
Fresh Water Fish	Carp Fish	Cyprinuscarpio	European	Dorsal fin based long with 17-22 branched rays	Snow fed stream	Plenty	Abundant	Food	Nil	No	n/a	Mehigirs & Deptt. Of fisheries		
Cold Water	Desi Gad	Schizothorax	Indigenous	Elongated tube form with short snout barbles, lower lip folded	Snow fed stream	Plenty	Abundant	Food	Nil	No	n/a	Mehigirs & Deptt. Of fisheries		
Cold Water Fish	Trout	Rainbow Trout	Indigenous	Body elongated with small scales and adipose fin	Snow fed stream, colder region	n/a	In govt. farms, Pvt. Ponds	Food	Nil	Yes	n/a	Mehigirs & Deptt. Of fisheries		

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					
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					

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

1	2	3	4	5		6	7	8	9	10	11
					Loca	l status	Commercial /		Associated		Community
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	own use	Part collected	TK	Other details	Knowledge Holder
Tree	Deodar	Cedrus deodara	Tree	Temperate	dense	Least	Commercial, own use	Whole for different uses		Roofing, furniture etc	Gh Hassan
Tree	Kail	Pinus wallichiana	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Khalid hussain
Tree	Chir	Pinus roxburughiis	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Sant Ram
Plant	Bankakri	Podophyllum hexandrum	Plant	Temperate	Available	Available	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	Temperate	Available	Available	Commercial, own use	Flower		Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	
Climber	Kins	Dioscorea deltoidea	Climber	Temperate	Available	Available	Commercial, own use	Tuber		The tubers yield Diosgenin, which is used to synthesize sex hormones and Corisone, Cortisone is extensively and used in rheumatism and allergic conditions. Propagation of the species is though rhizome.	
Mushroom	Guchhies	Morchella spp.	Mushroom	Temperate	Available	Available	Commercial, own use	Whole plant		Used in medicines preparation	
Shrub	Tiundh	Viburnum tinus	Shrub	Forest	Good availablity	Good availablity	Own use	Whole plant	Medicinal values, fruits are edible	Fruit is eddible	Self observation
Fungus	Gucchi	Morchella esculenta	Fungus	Forest	Good availability	low	Commercial, own use	Whole part	Medicinal values and are eddible	-	Self observation

# 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	
2	Bhang	Cannabis sativa	wild	Commercial extraction banned, given to animals to improve their health	
3	Wild Pomegranate	Punica grantum	wild	Used in making chutney	Extracted by farmers by along roadside of hilly areas of the district
4	GuchiMashroom	Morchella esculenta	wild	Dried and sold which fetches Rs.10000-15000 per Kg Used in making pulao (cuisine), as aphrodisiac in medicine	
5	Kasrod	Diplazium	wild	Used as vegetable, collected by locals and sold	

	Format 20: Aquatic Biodiversity													
1	2	3	4	5		6	7	8	9	10				
			_		Local	l Status				Community				
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	knowledge holder				
Desi Gad	Schizothorax	Indigenous	Elongated tube form with short snout barbles, lower lip folded	Snow fed stream	Plenty	Abundant	Food	Nil	No	Mehigiris and Deptt. Of Fisheries				
RainbowTrout	Rainbow Trout	Indigenous	Body elongated with small scales and adipose fin	Snow fed stream, colder region	N/A	In govt. farms, Pvt. Ponds	Food	Nil	n/a	Mehigiris and Deptt. Of Fisheries				

	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 or mar 22. What I what is in portained												
1	2	3	4	5		6	7	8	9	10	11		
Plant(herb,				Landscape/	Local	status	Associated			Other details	c.knowledge		
shrub,tree)	Local Name	Scientific Name	Variety	habitat	Past	Present	TK	uses	Part used	market/own use	holder		
Plant	Bankakri	Podophyllum hexandrum	plant	Temperate	Available	Available	Available	It has been found to be effective in contolling skin diseases and recently attracted attention for use in certain form of cancer	Fruit				
Herb	Banafsha	Viola spp.	Herb	Temperate	Available	Available	Available	Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	Flower				
Climber	Kins	Dioscorea deltoidea	Climber	Temperate	Available	Available	Available	The t yield Diosgenin, which is used to synthesize sex hormones and Corisone, Cortisone is extensively and used in rheumatism and allergic conditions.  Propagation of the species is though rhizome.	Tuber				
Mushroom	Guchhies	Morchellaspp	Mushroom	Temperate	Available	Available	Available	Used in medicines prepration	Whole plant				

	Format 23: Wild relatives of Crops												
1	2	3	4	į	5	6	7	8	9	10			
Local	Scientific	Associated crop	Landscape /	Local	Status	Uses	Part	Associated	Other details	Community / Know			
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	TK	Other details	holder			
Desiber	Zizziphusspp	Ber	Temperate	Available		As fruit	Fruit	_	_	Farming Community of the area			

	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						
Teevand	Viburnum grandiflorum	Forest	Temperate	Non commercial									
Tilpushu	Digitalis purpurea	Forest	Temperate	Non commercial									
Lavender	Lavandula angustifolia	Forest	Temperate	Commercial									

#### **Format 25: Fumigate / Chewing Plants** 10 2 3 5 6 7 8 9 1 4 11 **Local status** Community Plant knowledge holder **Local Name Scientific Name** Habitat Ass.TK Other details Variety Part used uses (herb,shrub,Tree) Past **Present** Foeniculum vulgare Temperate Available Available Cooking Harb Saunf Forest Seeds Trigonella foenumgraecum Temperate Available Cooking Herb Mathe Forest Available Seeds Trachyspermu mammi Ajwain Temperate Available Cooking Herb Forest Available Seeds

### **Format 26: Timber Plants**

1	2	3		4	5	6	7	8
			Local	Status				Community
<b>Local Name</b>	Scientific Name	Habitat	Past	Present	Other uses, if any	Associated Tk	Any other detail	knowledge holder
Chir	Pinus roxburgii	Forest , temperate	Dense	Less dense	Firewood	Furniture, roofing	Generally, held by community	
Kiker	Robina pseudoacacia	Forest , temperate	Dense	Less dense	Fodder/firewood	Unknown	Generally, held by community	
Veer	Salix alba	Forest , temperate	Dense	Less dense	Fodder	Unknown	Generally, held by community	
Deodar	Cedrus deodar	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed	
Kail	Pinus wallichiana	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed	
Fir	Abies pindrow	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed	
Spruce	Abies densa	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed	

	2	3	4		5		7	8	9	10
Dlant Ton	I and Name	Caiantifia Nama	II-bia-a	Local	Status	Parts Collected	Commercial Uses	Other Hee	Associated TK	Community/ Knowledge
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated 1 K	Holder

1	2	3	4	5		6	7	8	9	10
	. 137		11.	Local Status		Parts collected	Commercial Uses			Community/
Animal Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Community/ Knowledge 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	Ass. TK	Mode of	Other details	Community/ Knowledge
7 minu Type	Local Ivaliic	SCRIMIC NAME	Habitat	Description	seen	Past	Present	uses if any	7133. TK	hunting	Other details	Holder
Mammal Carnivore	Chitra	Panthera pardus	Forest		All time	Available	Less	no		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Reech	Selenarctost hibetanus	Forest		Summer season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	GhorBla	Felis bengalensis	Forest		All season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mamal	Jungle bili	Felis Chaus	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	shal	Herpetesauropunctatus	Forest		summer	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	
Mammal	Dink	Martes foina	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	

Rodent	Navel	Lepus nigricollis	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Titar	Frabcikuby sfrancolinus	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	Strepto peliadecaocto	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Iel	Gyps himayensis	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Khukhow	Clamato rJacabinu	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 smacrorhynchos	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Snake	Surf /sap		Forest /water	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Fishes	Machli	Himaliyan trout	water	All time	Available	Available	No		Prohibited	Maintains forest ecosystem	
Birds	Eagle owl	Bubo bubo	Forest/village	All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Gold billed blue magpie	Urocissa flavirostris	Forest/village	All season	Common	Common	-	Unknown	-	-	Generally, held by community

Birds	Green backed tit	Parus monticolus	Forest/village	All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Griffon vulture	Gyps fulvus	Forest/village	All season	Rare	Rare		Unknown			Generally, held by community
Birds	Himalayan pied wood-pecker	Dendrocopos himalayensis	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Himalayan tree- creeper	Certhia discolour	Forest	All season	Common	Common		Unknown			Generally, held by community
Birds	House sparrow	Passer domesticus	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Jungle crow	Corvus macrorhynchos	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Koel	Eudynamys scolopaceas	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Pariah kite	Milvus migrans govinds	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Peregrine	Falco peregrines	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Pied or white wagtail	Motacilla alba	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Plumbeous water- redstart	Rhyacornis fuliginosus	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Birds	Red jungle fowl	Gallus gallus	Forest/village	All season	Common	Common		Unknown			Generally, held by community

Birds	Rose ringed parakeet	Psittacula krameri	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Rufous trustle dove	Stretopelia orientalis	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Scaly-bellied green wood- pecker	Picus squamatus	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Slaty blue flycatcher	Muscicapa leucomelana	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Slaty-headed parakeet	Psittacula himalayana	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Sparrow hawk	Accipiter nisus nisosimilis	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Spotted forktail	Enicurus maculates	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Starling	Sturnus vulgaris	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Swallow	Hirundo rustica	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Swift	Apus apus	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Tickells leaf- warbler	Phylloscopus affinis	Forest/village	All season	Common	Common	Unknown	Generally, held by community
Birds	Tree sparrow	Passer montanus	Forest/village	All season	Common	Common	Unknown	Generally, held by community

Birds	Tytler's leaf- warblers	Phylloscopus tytleri	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Variegated laughing thrush	Garrulax variegates	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Western tragopan	Tragopan melanocephalus	Forest	All season	Common	Common	Unknown		Generally, held by community
Birds	White breasted kingfisher	Halcyon omyrnensis	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	White cheeked bulbul	Pycnonotus leucogenys Leucogenys	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	White cheeked nuthatch	Sitta leucopsis	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	White throated tit	Aegithalos leucogenys	Forest/village	All season	Rare	Rare	Unknown		Generally, held by community
Birds	White-breasted dipper	Cinclus cinclus	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	White-browned rosefinch	Carpodacus thura	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	White-capped water-redstart	Chairmarrornis leucocephalus	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	White-winged redstart	Phoenicurus erythrogaster	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Wren	Troglodytes troglodytes	Forest/village	All season	Common	Common	Unknown		Generally, held by community

Birds	Wryneck	Jynx torquilla	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Yellow wagtail	Motacilla flava	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Yellow-headed wagtail	Motacilla citreola	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Wren	Troglodytes troglodytes	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Wryneck	Jynx torquilla	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Yellow wagtail	Motacilla flava	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Birds	Yellow-headed wagtail	Motacilla citreola	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Himalayan bent toad Gecko	Cyrtodactylus himalayanus	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Lawder's bent toad gecko	Cyrtodactyluslawderanus	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Baltistan gecko	Altiphylaxstoliczkai	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Thin toad gecko	Cyrtopodionmontiumsalsoru m	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Kashmir rock agama	Laudakiatuberculata	Forest/village	All season	Common	Common	Unknown		Generally, held by community

Reptiles	Himalayan Agama	Paralaudakiahimalayana	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Oriental garden lizard	Calotescf. versicolor	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Theobald's toad- headed agama	Phrynocephalustheobaldi	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Ladakh ground skink	Asymblepharusladacensis	Forest/village	All season	Common	Common	Unknown		Generally, held by community

	Format 2	29: Flora				
1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
Nil	Nil	Nil	Nil	Nil	Nil	Nil

### 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	Leopard	Panthera pardus	Mammals	Forest/village	Rare
2	The Indian Fox	Vulpes bengalensis	Mammals	Forest/village	Rare
3	Five Stripped Palm Squirrel	Funambulus Penanti	Mammals	Forest/village	Rare
4	The Indian Field Mouse	Mus booduga	Mammals	Forest/village	Rare
5	The Rhesus Macaque	Macaca mulatta	Mammals	Forest/village	Rare
6	Blue rock pigeon	Columba livia	Birds	Forest/village	Common
7	Blue whistiling thrush	Myophonus caeruleus	Birds	Forest/village	Common
8	Cinamon tree sparrow	Passer rutilans	Birds	Forest/village	Common
9	Common kingfisher	Alcedo atthis	Birds	Forest/village	Common
10	Himalayan Rufous Turtle Dove	Streptopelia orientalis meena	Birds	Forest/village	Common
11	Slaty-headed parakeet	Psittacula himalayana	Birds	Forest/village	Common
12	Snow patridge	Larwa lerwa	Birds	Forest	Rare

13	Spotted dove	Stigmatopelia chinensis	Birds	Forest/village	Common
14	Swallow	Hirundo rustica	Birds	Forest/village	Common
15	Swift	Apus apus	Birds	Forest/village	Common
16	White breasted kingfisher	Halcyon omyrnensis	Birds	Forest/village	Common
17	White cheeked bulbul	Pycnonotus leucogenys Leucogenys	Birds	Forest/village	Common
18	White throated tit	Aegithalos leucogenys	Birds	Forest/village	Rare
19	Common skittering frog	Euphlyctiscyanophlyctis	Amphibians	Forest/village	Common
20	Indian Bull frog	Hoplobatrachustigerinus	Amphibians	Forest/village	Common

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

End of Part II