

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: **Haloor**

Taluk: **Drabshalla**

District: **Kishtwar**

UT: **Jammu & Kashmir**

Geographical Area of the Panchayat Samity: **253 hac**

Population under the Panchayat Samity: Total = **1312**

Male: **683**

Female: **659**

Habitat and Topography: **Hilly terrain**

Climate (Rainfall, Temperature and other weather patterns) Land Use (Nine fold classification available with village records) Date, Month and Year of PBR preparation: **04-06-2022**

Management Regime: **Reserve Forests (RF) / Joint Forest Management (JFM) / Protected Areas (PA) / Community Owned and Managed Forests (COM)**

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 Sharif
Age: 65
Gender: Male
Address: Hiloor
Area of specialization: Ex-Panch
2) Name: Babli devi Age: 38 Gender: Female Address: Hiloor Area of specialization: Housewife
3) Name: Shilpa Devi Age: 25 Gender: Female Address: Hiloor Area of specialization: Housewife
4) Name: Laal Chand Age: 45 Gender: Male Address: Hiloor Area of specialization: Ex-Panch
5) Name: Gh Hassan Age: 53 Gender: Male Address: Hiloor Area of specialization: Farmer
6) Name: Mohd Shafi Age: 28 Gender: Male Address: Hiloor Area of specialization: Farmer
7) Name: Ab Rehman Age: 37 Gender: Male Address: Hiloor Area of specialization: Farmer

Annexure 2

List of Vaid, hakims and traditional health care (human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village

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:-

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:

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 forestry

Name:- Roshan Lal
Age:
Gender: Male Address: Hiloor
Area of specialization: Retired Govt. employee

Name:
Age:
Gender: Address:
Area of specialization:

Name:
Age:
Gender: Address:
Area of specialization:

Name:
Age:
Gender: Address:
Area of specialization:

Annexure4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) Contact Person Name andAddress: Ab karim(forest Guard)/ 8492822586

2) Contact Person Name and Address: Gh Rasool(Teacher)/ 9906198024

3) Contact Person Name andAddress: Lekh Raj/ 9797376685

4) Contact Person Name andAddress:

You may add names of more institutions / NGO / Individuals, etc. if necessary.

Annexure5

Details of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefits derived and the mode of theirsharing					
No	Name and address of the Person /institution/ company/ others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the panchayat	Details 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/ Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Dhan / tamul	Veliyan	Temperate conditions		Plenty	Rare	Tall, high yield variety resistant to drought, pests & diseases	Aug-Sept	Food Fodder Fuel	Provides more energy	Not-known	Local preserved	Locals and Deptt. Of Agriculture & Horticulture
Wheat	<i>Triticum aestivum</i>	Gundam	Local	Temperate conditions		Plenty	Plenty	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals and Deptt. Of Agriculture & Horticulture
Barley	<i>Hordeum vulgare</i>	Jow	Local	Lowland valleys		Plenty	Rare	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved	Locals and Deptt. Of Agriculture & Horticulture
Maize	<i>Zea mays</i>	Maki	Local	Lowland valleys		Plenty	Plenty	-do-	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals and Deptt. Of Agriculture & Horticulture
Oat	<i>Avena sativa</i>	Lawn	Local	Lowland valleys		Rare	Plenty	-do-	May-June	Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals and Deptt. Of Agriculture & Horticulture
Beans	<i>Phaseolus vulgaris</i>	Rajmash	Local	Lowland valleys		Plenty	Plenty	Resistant to drought, pests & diseases	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals and Deptt. Of Agriculture & Horticulture

Pulse	<i>Lens culinaris</i>	Masoor	Local	Lowland valleys		Plenty	Plenty	Resistant to drought, pests & diseases	April- May	Food Fodder	Provides more energy	Not-known	Local preserved	Locals and Deptt. Of Agriculture & Horticulture
Cucumber	<i>Curmis sativus</i>	Khira	Local / Hybrid	Temperate conditions		Plenty	Plenty		Aug-Sept	Provides more energy	Nutritious value	Commercial/ own use	Local preserved / Seed shops	Locals and Deptt. Of Agriculture & Horticulture
Radish	<i>Raphanus sativus</i>	Mooli	Local turnip shaped radish	Temperate conditions		Plenty	Plenty	NA	2-3 crops in a year	Eaten raw, used as vegetable and pickle making	Traditional variety and cultivation practice	Round, sharp, white colored	Local preserved	Locals and Deptt. Of Agriculture & Horticulture
Tomato	<i>Lycopersicum esculentum</i>	Tamatar	Local / Hybrid	Temperate conditions		Plenty	Plenty	NA	July-Sept	as vegetable and jam	Rich in vitamin C and Lycopene	NA	Local preserved	Locals and Deptt. Of Agriculture & Horticulture
Kale	<i>Brassica olereca</i>	Haak	Local / Hybrid	Temperate conditions		Plenty	Plenty	High yield production	twice in a year	Ass vegetable	Rich in fibre	NA	Local preserved / Agriculture Deptt.	Locals and Deptt. Of Agriculture & Horticulture
Bottle gourd	<i>Lagenaria siceraria</i>	Ghiya	Local/ Hybrid	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable	Good for health	NA	Local preserved / Agriculture Deptt.	Locals and Deptt. Of Agriculture & Horticulture
Potato	<i>Solanum tuberosum</i>	Aalu	Local pahadi aalu	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable	Rich in proteins and carbohydrates	NA	Local preserved / Agriculture Deptt.	Locals and Deptt. Of Agriculture & Horticulture
Green Chilly	<i>Capsicum annum</i>	Mirchi	Local/ Hybrid	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable	Improve immune system	NA	Local preserved / Agriculture Deptt.	Locals and Deptt. Of Agriculture & Horticulture

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting (Repining)	Associated TK	Uses	Other details market/ownuse	Community / Knowledge holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Reducing cholesterol, lowering blood sugar level	Nutritious value	Market / own use	Locals and Deptt. Of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khubani	Safeda, Qadri	-do-	Plenty	Rare	Local preserved / grafting	June-July	Cures heart diseases	Nutritious value	Market / own use	
Walnut	<i>Juglans regia</i>	Akhroot	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Reduces prostrate cancer and diabetes	Nutritious value	Market / own use	
Pear	<i>Pyrus communis</i>	Tang	Babugosha, Moti Daddi, Half red Naak	-do-	Plenty	Plenty	Local preserved / grafting	Aug-Sept	Uses for mild digestion problems, diarrhea, severe cholera	Nutritious value	Market / own use	
Peach	<i>Prunus persica</i>	Aadu	Local, Shan-e-Punjab, Amba	-do-	Plenty	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	
Grapes	<i>Vitis vinifera</i>	Angoor	Local / Hybrid	-do-	Rare	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	

Plum	<i>Prunus domestica</i>	Alu Bukhara	Santa Rosa / Local	Agriculture land	Rare	Rare	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use
Quince	<i>Cydonia oblonga</i>	Beehi	Local	Agriculture land	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use

Format 3: Fodder Crops /Trees

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Oak	<i>Quercus ilex</i>	Heru	Lowland / Forest	Plenty	Plenty	Natural propagation	Green leaves as fodder which provides more energy to livestock	Green Leaves	Also used as fuel wood & soil binder	Locals
Robenia	<i>Robinia pseudoacacia</i>	Kikar	Lowland / Forest	Rare	Rare	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also a good soil binder plant	Locals
Ban oak	<i>Aescules indica</i>	Gug	Lowland / Forest	Rare	Rare	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also used as fuel wood	Locals
Ailanthus	<i>Ailanthus altissima</i>	Fak kul	Lowland / Forest	Plenty	Plenty	Natural propagation	-do-	Green Leaves	Also used as fuel wood	Locals
Willow	<i>Salix alba</i>	Ier kul	Lowland / Forest	Plenty	Plenty	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also used as fuel wood	Locals
Fig	<i>Ficus carica</i>	Figura/Fog	Lowland / Forest	Plenty	Rare	Natural propagation	Provides fodder and more energy to livestock	Green / dry Leaves	Fruit edible & also used as fuel wood	Locals
Rice	<i>Oryza sativa</i>	Dhan / tamul	Temperate/ Lowland valleys		Rare	Local preserved	Provides fodder and more energy to livestock	Whole plant	Also provides food grains	Locals
Wheat	<i>Triticum aestivum</i>	Gundam	Temperate/ Lowland valleys	Plenty	Plenty	Local preserved / Agriculture Deptt.	Provides fodder and more energy to livestock	Whole plant	Also provides food grains	Locals
Barley	<i>Hordeum vulgare</i>	Jow	Temperate/ Lowland valleys	Plenty	Rare	Local preserved	Green & dry plant used as fodder for the livestock	Whole plant	Also provides food grains	Locals
Maize	<i>Zea mays</i>	Makki	Temperate/ Lowland valleys	Plenty	Plenty	Local preserved	Provides fodder and more energy to livestock	Whole plant	Also provides food grains	Locals

Oat	<i>Avena sativa</i>	Lawn	Temperate/ Lowland valleys	Rare	Plenty	Local preserved / Agriculture Deptt.	Green & dry plant used as fodder for the livestock	Whole plant	Fodder crop	Locals
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Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Grass	<i>Parthenium hysterophorus</i>	Congress grass	Every crop even to human	Less growth of affected crop and causes severe itching in humans	Forest / Lowland	Absent	Widespread	-	Pesticide spraying / plucking out	Causes severe skin problems	Invasive Alien Species	Locals
Grass	<i>Cynodon dactylon</i>	Dhrub	Every crop	Less growth of affected crop	Forest / Lowland	Plenty	Plenty	Fodder grass	Pesticide spraying / plucking out	Religious purpose	Not reported	Locals
Grass	<i>Echinochloa crus-galli</i>	Grass	Rice	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals
Grass	<i>Anagallis arvensis</i>	Grass	Maize	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals
Grass	<i>Lolium temulentum</i>	Rye grass	Wheat	-do-	Lowland	Plenty	Plenty	-	Manual plucking out	Weed adversely affect crop quality	Not reported	Locals
Shrub	<i>Malva sylvestris</i>	Sotsal	Vegetables	-do-	Lowland	Plenty	Plenty	-	Manual plucking out	Medicinal use	Not reported	Locals
Herb	<i>Cannabis sativa</i>	Bhang	Every crop	-do-	Forest /Lowland	Plenty	Plenty	Making Charas (intoxicating drug)	Manual plucking out	Religious purpose	Not reported	Locals

Herb	<i>Carduus nutans</i>	Kond posh	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Manual plucking out	Weed	Invasive alien species	Locals
Herb	<i>Utrica dioica</i>	Soi	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals
Herb	<i>Matricaria chamomilla</i>	Chamomile	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Deodar tree	Insect	<i>Ectropis deodarae</i>	Deodar defoliator	On host	July to Oct	Insecticide application	Not reported	Leaf defoliator	Farmers, locals and Deptt. of agriculture and horticulture
Kail tree	Fungi	<i>Lophodermium macchi</i>	Fungus	On host and fallen needles	July to Oct	Insecticide application	Not reported	Leaf defoliator	
Fir tree	Fungi	<i>Fusarium pallidoroseum</i>	Fungus	On host and fallen needles	July to Oct	Insecticide application	Not reported	Leaf defoliator	
Maize	Insect	<i>Helicoverpa zea</i>	Corn earworm	Farm fields	-	Insecticide application	Leaf damager	Not known	
Maize	Animal	<i>Rattus norvegicus</i>	Rat	Farm fields	After flowering	Chemical pesticide	Roots and fruit damager	Not known	
Wheat	Insect	<i>Odontotermes obesus</i>	Termites	Farm fields	Ripening period	Insecticide application	Damages the food grain	Not known	
Polyphagous	Insect	<i>Spodoptera exigua</i>	yan/ White cabbage butterfly	Leaf feeder	May- Sept	Insecticide application	Damages plant and reduces crop yield	Not known	
Peach, plum	Insect	<i>Brachycaudus helichrysi</i>	Leaf- curling aphid	On host	May- October	Insecticide application	Damages the crop	Leaf defoliator	
Apple, Pear	Insect	<i>Eriosoma lanigerum</i>	Wooly aphid	On host and fallen leaves	May- October	Insecticide application	Damages the plant and crop	Not known	

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	Caste/ Tribe	Social condition	Nature of inhabitants	No. of HHs
General and Scheduled caste & Schedule tribe	Agriculture	Collection of NTFP, Cattle rearing, Artisans & Govt. Servants	Forest (Hilly terrain) / Agriculture landscape	Agriculture for the purpose of food grains and fodder	Terrace farming	Traditional resource management practices	General / SC / ST	Socially privileged	Most of them do own jobs, economically less privileged	321

Format 8: Landscape

Format 8: Landscape													
1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Cultivated	nil	nil	Mountainous/ Forest land	Rocky/ sandy land/ Cultivated/ Non- cultivated	Property/ shamlat	Deodar	Leopard	Local Inhabitants	Self management	cultivation	Indigenous knowledge of local communities	---	---
						Kail	Black bear						
						Fir	Monkey						
						Spruce	Jackal						
						Champ	Wild goat						
						Shehtut	Fox						
						Akhroot	Wild cat						
						Dhoop	Rat						
						Nagchhatri	Lizard						
						Apricot	Snake						
						Heru	Pigeon						
						Mohru	House Sparrow						
						Kiker	Koel						
						Mushkapoor	Crow						
						Muchakballa	Spider						
						Guchhies	Butterfly						
						Kour	Bee						
Kuth	Owl												
Bankhoor	Mosquito												
Kumlaie	Partridge												
Phrast	Bulbul												

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Nalla	Nallah	Macholinallah, Gratnallah, Ashirnag all tributaries of river Chenab	Govt./ Panchayat	Mostly ferns, bryophytes and pteridophytes	Amphibians, insects and fishes	Irrigation and drinking	Local population	De-silting	Irrigation	Unknown		Local population
River	River	Chenab	Govt.	Trees on banks	Do	Hydro projects, drinking	Local population	Check dams	Do	do		

Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Alluvial soil	Light grey to ash grey color,sandy to loamy in nature	Fertile soil contains sand, slit, clay ,lime and potash	Organic fertilizer	Saffron, wheat, maize	Broad leaved plants herbs and shrubs, insects, reptiles, amphibians etc.		
Forest soil	Brown,loamy to clay	10% calcium carbonate	Leaf litters of wild plants	Forest flora,wheat ,maize	Conifers, broad leaved ,herbs ,shrubs, wild animals, insects, reptiles, amphibian		
(mountain soil)		40% water holding capacity					
Podzolic soil	Gray brown, sandy loamy	PH 7.4 to 8.4,	Waste composite,leaf manure	Wheat, maize, and pulses	Broad leaved plants herbs and shrubs, insects ,reptiles ,amphibians etc.		
		Calcarious 4% to 10%					
		Water holding capacity 30% to 40%					

DOMESTICATED BIODIVERSITY

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting (Repining)	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Apple	Saib	<i>Malus domestica</i>	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Rare	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Nutritious value	Reducing cholesterol, lowering blood sugar level	Market / own use	Locals
Apricot	Khubani	<i>Prunus armeniaca</i>	Safeda, Qadri	-do-	Plenty	Rare	Local preserved / grafting	June-July	Nutritious value	Cures heart diseases	Market / own use	Locals
Walnut	Akhroot	<i>Juglans regia</i>	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Nutritious value	Reduces prostate cancer and diabetes	Market / own use	Locals
Pear	Tang	<i>Pyrus communis</i>	Babugosha, Moti Daddi, Half red naak	-do-	Plenty	Plenty	Local preserved / grafting	Aug-Sept	Nutritious value	Uses for mild digestion problems, diarrhea, severe cholera	Market / own use	Locals
Peach	Aadu	<i>Prunus persica</i>	Local, Shan-e-Punjab, Amba	-do-	Plenty	Plenty	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Quince	Beehi	<i>Cydonia oblonga</i>	Local	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Grapes	Angoor	<i>Vitis vinifera</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Cucumber	Khira	<i>Curmis sativus</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Plum	Ore	<i>Prunus domestica</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals

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/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Herb	Rohan-hak/ Pran/ Gogcheegma	<i>Allium carolinianum</i>	MFP	Temperate	Natural	Plenty	Rare	their onion flavour)help to reduce blood cholesterol	Bulbs, Leaves, Flowers			
Herb	Dhrub	<i>Cynodon dactylon</i>	MFP	Temperate	Natural	Plenty	Common	ectorant, & as a brain & hert tonic used for all types of	Whole plant			
Tree	Horse chest nut	<i>Aesculus hippocastanum</i>	B/L	Temperate	Natural	Plenty	Rare	used for treatment of dysentery,bronchiti s,hemorrhoids.	Leaves			
Herb	Vena	<i>Mentha longifolia</i>	MFP	Temperate	Natural	Plenty	Common	Respraitory ailments, treat wounds	Leaves			
Tree	Haadi	<i>Prunus armeniaca</i>	B/L	Temperate	Natural	Plenty	Rare	Antisposmodic, chronic bronchitis	Whole plant			
Herb	Bhang	<i>Cannabis sativa</i>	MFP	Temperate	Natural	Plenty	Plenty	used for recreational or medicinal purposes	Whole Plant			
Herb		<i>Viola canescens</i>	MFP	Temperate	Natural	Plenty	Rare	used for cough ,cold,flu,fev er & malaria	Leaf,Flower			
Herb		<i>Viola indica</i>	MFP	Temperate	Natural	Plenty	Rare	Respraitory tract congestion asthma ,sore throat	Flowers			
Herb	Suchal	<i>Malva neglecta</i>	MFP	Temperate	Natural	Plenty	Common	Astringent,demulc ent,diuretic	Leaves,Floers ,Root			

Tree	Fog, feku	<i>Ficus palmata</i>	B/L	Temperate	Natural	Plenty	Rare	used for skin diseases, treatment of lungs & bladder diseases	Fruit		
Tree	Akhroot	<i>Juglans regia</i>	B/L	Temperate	Natural	Plenty	Rare	leaves are used in treatment of chronic coughs, asthma & purify blood and treat diabetes	Leaves, Fruit,		
Tree		<i>Populus alba</i>	B/L	Temperate	Natural	Plenty	Rare	used in the treatment of arthritis, gout, lower back problem and reduce fever	Stem, Bark		
Tree	Kahu	<i>Olea cuspidata</i>	B/L	Temperate	Natural	Plenty	Rare	bark used for fracture, leave use for treatment of malaria, UTI	Bark, Leaves		
Herb	Hamesh-Bahar	<i>Calendula officinalis</i>	MFP	Temperate	Natural	Plenty	Rare	Applied on Skin disease, Burns	Flower, leaf		
Herb	Banafsha	<i>Viola odorata</i>	MFP	Temperate	Natural	Plenty	Rare	Throat problem, Cold, cough	Flower		
Herb		<i>Amaranthus viridis</i>	MFP	Temperate	Natural	Plenty	Common	Treatment of fever, pain, asthma	Whole part		
Herb	Ganda	<i>Allium cepa</i>	MFP	Temperate	Natural	Plenty	Common	Anti inflammatory, antiseptic	Bulb, Leaves		
Herb		<i>Allium humile kunth</i>	MFP	Temperate	Natural	Plenty	Common	Treatment of cholera, dysentery, cough	Bulbs		
Herb	Thom	<i>Allium sativum</i>	MFP	Temperate	Natural	Plenty	Common	Fever, diabetics, swellings	Bulbs		

Local people have ample knowledge with respect to the identification of the species as well their common usage

Herb	Dhaniya	<i>Coriandrum sativum</i>	MFP	Temperate	Natural	Plenty	Common	Measles, hemorrhoids, toothache & joint pain	Leaves, Seeds		
Herb	Mooli	<i>Raphanus sativus</i>	MFP	Temperate	Natural	Plenty	Common	To treat constipation, chronic tracheitis & hypertension	Leaves root		
Herb	Sunflower	<i>Helianthus annuus</i>	MFP	Temperate	Natural	Plenty	Common	High fever, snake bite	Leaf, Seed		
Climber	Kaakid	<i>Cucumis sativus</i>	MFP	Temperate	Natural	Plenty	Common	Blemished skin, heart rash, burns, sores	Whole part		
Climber	All, kaddu	<i>Cucurbita pepo</i>	MFP	Temperate	Natural	Plenty	Common	Anti inflammatory, anti viral, anti ulcer	Whole part		
Tree	Shehtut	<i>Morus alba</i>	MFP	Temperate	Natural	Plenty	Common	Asthma, Bronchitis	Bark		
Herb	Green Chilly	<i>Capsicum annuum</i>	Local	Temperate	Cultivated	Plenty	Plenty	Improve immune system	Fruit		

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
Broad leaved	Chinar	<i>Platanus orientalis</i>	Local	Forest / private nurseries	Non-commercial	Ornamental	Provides cool shade and home for many birds	Dried leaves are used as Kangri fuel	Locals
Evergreen tree	Sarv Kull	<i>Cupressus cashmeriana</i>	Local	Private nurseries	Non-commercial	Ornamental	Provides scenery and beauty of area	Unknown	Locals
Shrub	Gainda	<i>Tagetes erecta</i>	Local	Preserved seed	Non-commercial	Ornamental	Provides beauty of home garden	Also used for religious purpose	Locals
Shrub	Gulab	<i>Rosa indica</i>	Local	From cuttings	Non-commercial	Ornamental	Provides beauty to home garden	Also used for religious purpose	Locals
Shrub	Dhaliya	<i>Dahlia pinnata</i>	Local	Rhizomes of flower plant	Non-commercial	Ornamental	Provides beauty of home garden	Also used for religious purpose	Locals

Format 14: Timber Plants /Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details	Community/ Knowledge Holder
				Past	Present					
Trees	Kikar	<i>Robinia pseudoacacia</i>	Temperate	Plenty	Common	Wild/homegrown	Fuel wood, fodder			Local zamindars have got ample knowledge with respect to identification of the species as well their common usage
Trees	Akhrot	<i>Juglans regia</i>	Temperate	Plenty	Common	Wild/homegrown	Firewood,medicine			
Trees	Phrast	<i>Populus alba</i>	Temperate	Plenty	Common	Wild/homegrown	Firewood,Fodder			
Trees	Shisham	<i>Dalbergia sisoo</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/timber			
Trees	Kharshu	<i>Quercus spp</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood			
Trees	Haadi	<i>Prunus armeniaca</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/Fodder			
Trees	Heru	<i>Quercus ilex</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/Fodder			
Trees	Kahu	<i>Olea cospidate</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/timber			

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		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Sheep	Bhead	<i>Ovis aries</i>	Local	Small size rough coat	Flock rearing	Plenty	Rare	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Locals/Nomads
Sheep	Bhead	<i>Ovis aries</i>	Rambouillet cross bread	Large size low body weight	Flock rearing	Rare	Plenty	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Locals/Nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small size low body weight	Flock rearing	Plenty	Rare	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani, bakasooli	Large size high body weight	Flock rearing	Rare	Plenty	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Cow	Gaay	<i>Bos taurus</i>	Local/ Desi/Jersey	Cow have hooves on there feet and can weight upto 400 pounds	Flock rearing/ Domestication	Plenty	Rare	Milk, Cow dung	Milk good for health	Yes	High milk production	Local/Nomads
Buffalo	Bhains	<i>Bubalus bubalis</i>	Local	Dark slab colour less	Domestication	Common	Common	Milk, Dung	Milk good for health	Yes	High milk production	Local/Nomads
Ox	Bael	<i>Bos taurus</i>	Local	For ploughing	Domestication	Plenty	Rare	For ploughing	Use for ploughing	Yes	Use for ploughing	Local/Nomads
Dog	Kutta	<i>Canis familiaris</i>	Local/ Bakerwal	Small to median height, white, brown black in colour	Domestication	Plenty	Common	Guard, hunting dog	Nil	Nil	Nil	Local/Nomads
Cat	Billi	<i>Felis catus</i>	Local	Small, greyish black, white in colour	Wild/ Domestication	Common	Common	Pest control	Nil	Nil	Nil	Local/Nomads
Horse	Ghoda	<i>Equus caballus</i>	Local	Large strong animals, 60-	Domestication/	Common	Common	Used in riding and	Nil	Nil	Nil	Local/Nomads

Horse	Shoga	<i>Equus caballus</i>	Local	70 inches in height	Flock rearing	Common	Common	transport	Nil	Nil	NA	Local/Nomads
Mule	Khacchar	<i>Equus mulus</i>	Local	Generally brown, grey or black in colour, 55 to 65 inches in height	Domestication	Common	Common	Used as draught and pack animal	Nil	Nil	Nil	Local/Nomads
Poultry	Kukad	<i>Gallus domesticus</i>	Desi/ Hybrid	Enriched meat flavour, high egg yield	Domestication/ Rearing	Common	Common	Egg/Meat	Nil	Nil	Nil	Locals/Nomads
Donkey	Gadha	<i>Equus asinus</i>	Local	White, black or grey in colour, smaller than a horse	Domestication	Common	Common	Used as a beast of burden	Nil	Nil	NA	Local/Nomads

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/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Cold Water	Gaad	<i>Schizothorax richardsonii</i>	Indigenous	Elongated tube form with short snout, barbules, lower lip folded	Snow fed streams and rivers	Plenty	Abundant	Food	Nil	No	N/a	Locals & Deptt. of fisheries

Format-17 : Markers/ 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-----

WILD BIODIVERSITY

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Deodar	<i>Cedrus deodara</i>	Land	Forest	Plenty	Plenty	Its wood is used for the treatment of piles, kidney stones, insomnia, diabetes, urinary disorder etc	Wood	Cedrus oil is often used for its aromatic property	It's has a conic crown with level branches and dropping branch let	Locals
Tree	Kail	<i>Pinus wallichiana</i>	Land	Forest	Plenty	Plenty	Commercial and own use	Wood	Provide durable timber	Conifer plant	Locals
Tree	Fir	<i>Abies pindrow</i>	Land	Temperate forest	Plenty	Plenty	Commercial and own use	Wood	It helps in mitigating the level of anxiety	It help in treating fever, cough and cold	Locals
Tree	Oak	<i>Quercus ilex</i>	Land	Forest/ Private land	Plenty	Plenty	Own uses	Leaves & Wood	Fodder & Fuel wood	Evergreen B.L tree	Locals
Tree	Bren	<i>Alnus villosa</i>	Land	Forest	Plenty	Plenty	Own use	Wood	Fodder and fuel wood	For religious purpose	Locals
Tree	Champ	<i>Alnus nitida</i>	Land	Forest	Plenty	Plenty	Own use	Wood	Fuel wood	Found on riverside	Locals
Tree	Postul	<i>Taxus baccata</i>	Land	Forest	Plenty	Plenty	Own use	Bark	Use for treating common cold, cough and pain	Used in medicine that cures cancer.	Locals

Tree	Zum	<i>Prunus cornuta</i>	Land	Forest	Plenty	Plenty	Own use	Wood	Fuel wood	-	Locals
Tree	Willow	<i>Salix alba</i>	Land	Forest/ Pvt	Plenty	Plenty	Commercial /Own use	Leaves & Wood	Cricket Bat	Fodder	Locals
Herb	Dhoop	<i>Jurinea dolomiaea</i>	Land	Pasture	Plenty	Plenty	Own use	Root	Dhoop / Agarbati sticks	NTFP	Locals
Herb	Kour	<i>Picrorhiza kurroa</i>	Land	Mountain region	Plenty	Plenty	Own use	Root	Medicinal use	NTFP	Locals
Herb	Bankakri	<i>Podophyllum hexandrum</i>	Land	Mountain region	Plenty	Plenty	Own use	Root	Used for cancer treatment	NTFP	Locals
Herb	Kuth	<i>Saussurea lappa</i>	Land	Mountain region	Plenty	Plenty	Own use	Root	Medicinal use	NTFP	Locals
Herb	Nagchattri	<i>Trillium govanianum</i>	Land	Mountain region	Plenty	Plenty	Own use	Root	Medicinal use	NTFP	Locals
Herb	Krees	<i>Dioscorea deltodea</i>	Land	Mountain region	Plenty	Plenty	Own use	Root	Medicinal use	NTFP	Locals
Shurb	Kaimbli	<i>Berberis lycium</i>	Land	Forest/ private	Plenty	Plenty	Own use	Root	Medicinal use	NTFP	Locals
Grasses	Dhrub grass	<i>Cynodon dactylon</i>	Land	Moist and warm climate	Plenty	Plenty	Own use	Branch	Medicinal use	Religious purpose	Locals
Climber	Ivy	<i>Hedera helix</i>	Land	woodland, grassland, town and garden	Plenty	Plenty	Own use	Branch	Medicinal use	Parasite	Locals

Tree	Bhoj patra	<i>Betula utilis</i>	B/L	Temperate	Common	Rare	Commercial and own use	Bark		Religious purpose	Locals
Shrub	Kareel- kaimbal, khumlai	<i>Berberis aristata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root, Stem, Leaves	Medicinal use		Locals

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Krees	<i>Dioscorea deltoidea</i>	NTFP	Economic and social	Rare
2	Belladonna	<i>Atropa belladonna</i>	NTFP	Economic and social	Rare
3	Hund	<i>Taraxacum officinalis</i>	NTFP	Economic and social	Plenty
4	Hamesh bahar	<i>Calendula officinalis</i>	NTFP	Economic and social	Plenty
5	Kajuban(Ratanjot)	<i>Arnebia benthamii</i>	NTFP	Economic and social	Plenty
6	Kulmash	<i>Viburnum grandiflorum</i>	Bush/ Shrub	Social	Plenty
7	Suchal	<i>Malva neglecta</i>	Herb	Social	Plenty
8	Bhang	<i>Cannabis sativa</i>	Herb	Economic and social	Plenty
9	Kasrore	<i>Diplazium esculentum</i>	Wild	Economic	Common
10	Kundiya/ Kundi	<i>Peziza violacea</i>	Wild	Economic	Rare
11	Naghchatri	<i>Trillium govaniaum</i>	Wild	Economic & Social	Rare
12	Kour	<i>Picrorhiza Kurrooa</i>	Wild	Economic & Social	Rare
13	Banafsha	<i>Viola odorata</i>	Wild	Economic & Social	Rare

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Bankakdi	<i>Podophyllum hexandrum</i>	Wild	Economic & Social	Rare
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Format 20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community / Knowledge Holder
					Past	Present				
Frog (Mundak)	<i>Rana tigrana</i>	-	Long very powerful back led and web feet	Pond/river	Plenty	Rare	Important role in food chain	Frog are natures pharmacy and provide a very efficient transfer of solar energy	Maintain food chain and food wed.	Locals
Watercress (Nag Biber)	<i>Nasturtium officinale</i>	Aquatic flowering plant	Rapid growing perennial plant	Pond / watery place	Plenty	Plenty	As vegetable	Oldest known leaf vegetables consumed by human	Its high content of Vitamin C makes it remedy such that particular valuable for chronic illnesses	Locals
Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	Aquatic Grass	It is a perennial fern producing fronds	Found in shaded areas	Plenty	Plenty	As vegetable	Rich in vitamin-B	It is used n the treatment of chest infection, cough, diabetes, fever and skin disease	Locals

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Watercress (Nag Biber)	<i>Nasturtium officinale</i>	Aquatic flowering plant	Its high content of Vitamin C makes it remedy such that particular valuable for chronic illnesses	Local used as vegetable
2	Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	Aquatic Grass	It is used n the treatment of chest infection, cough, diabetes, fever and skin disease	local

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Tree	Pastul	<i>Taxus baccata</i>	Conifer	Temperate forest	Plenty	Rare	Medicinal	useful for treating cancer, common cold, cough, fever	Bark	Own use	Locals
Tree	Deodar	<i>Cedrus deodara</i>	Do	Do	Do	Plenty	Do	neurological disorders, asthma, fever, arthritis &	Stumps	Do	
Tree	Walnut	<i>Juglans regia</i>	Broad leaved	Low land	Plenty	Plenty	Do	chronic coughs, asthma, purification of	Bark and fruit	Market use	
Shrubs	Kambli	<i>Berberis lycium</i>	Thorny bushes	Temperate forest	Plenty	Plenty	Do	used as an immunity booster	Roots	Extraction through E- tendering	
Herb	Dhoop	<i>Jurinea dolomiaea</i>	MFP	Alpine forest	Plenty	Rare	Do	treatment of fever, gout & Rh. The root extract is used	Roots	Do	
Herb	Nagchatri	<i>Trillium govaniaum</i>	Do	Do	Do	Do	Do	wound healing and to treat menstrual &	Do	Do	
Herb	Mushqbala	<i>Valeriana hardwickii</i>	Do	Do	Do	Plenty	Do	epilepsy, hysteria, hypochondriasis, nervous unrest & skin	Roots	Do	
Herb	Kuth	<i>Saussurea costus</i>	Do	Do	Do	Rare	Do	used to make medicine. treating for asthma,	Roots	Do	
Herb	Kour	<i>Picrorhiza kurrooa</i>	Do	Do	Do	Do	Do	jaundice, sudden liver infections caused by a	Do	Do	
Herb	Zakhm-e-Hayat	<i>Bergenia ciliata</i>	DO	Do	Do	Do	Do	uterine contraction, ulcers, fever & kidney stone, also treat	DO	Do	

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Vanpraan	<i>Allium atropurpureum</i>	All agricultural crop	Temperate	Plenty	Rare	Used as a substitute of onion and garlic	Leaves and flowers	Medicinal value	Exotic plant used as vegetable	Locals

Format 24: OrnamentalPlants

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
Chinar	<i>Plantanus orientalis</i>	Broad leave	Temperate/ terrestrial	Non-commercial	Provide cool shade and home for many birds	Leaves are used as kangri fuel	Locals
Sarva kull	<i>Cupressus cashmeriana</i>	Evergreen	Temperate/ terrestrial	Non-commercial	Ornamental plant	Provides scenery/beauty of the area	Locals
Safeda	<i>Populus</i>	Populus	Temperate/ terrestrial	Commercial	Provides scenery/beauty tothe area	Used in fruit packing industries	Locals
Gainda	<i>Tagetes erecta</i>	Local/wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Gulab	<i>Rosa acicularis</i>	Local /wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Wild rose	<i>Rosa webbiana</i>	Wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Herb	Pudina	<i>Mentha spp.</i>	Perennial herb	Temperate	Plenty	Plenty	Spice and mint	Leaves	Locals use it in making Chatni / spices	Cooling agent and used in Ayush medicines	Locals
Herb	Methi	<i>Trigonella foenum-graecum</i>	Annual plant	-do-	Plenty	Plenty	Spice	Leaves	Used as spice	Leaves are used in food / spice	Locals
Herb	Sauf	<i>Foeniculum vulgare</i>	Harely perennial herb	-do-	Plenty	Plenty	Spice and chewing	Seed	Useful in digestion	Used as spice and medicine	Locals
Herb	Thom	<i>Allium sativum</i>	Perennial plant	-do-	Plenty	Plenty	Spice	Bulb	Provides more tasty food	Bulb is used as raw or cooked	Locals
Herb	Adrak	<i>Zingiber officinale</i>	Perennial plant	-do-	Plenty	Plenty	Spice	Rhizome roots	Widely used as spice	Used in spices and in medicines	Locals
Herb	Bantambaku	<i>Verbascum thapsus</i>	Herbaceous plant	Temperate	Plenty	Rare	Narcotic	Leaves	Useful for inflammatory diseases, asthma, cough, diarrhoea	NA	Locals
Shrub	Bhang	<i>Cannabis sativa</i>	Local	Temperate	Plenty	Plenty	Do	leaves	used for medicinal purposes	NA	Locals

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 seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community Knowledge Holder
						Past	Present					
Mammals	Leopard	<i>Panthera pardus</i>	Forest	Nocturnal Habitat	Summer	Plenty	Plenty					
	Black Bear	<i>Ursus thibetanus</i>	Do	Do	Do	Do	Do					
	Jackal	<i>Canis aureus</i>	Do	Do	All season	Do	Do					
	Fox	<i>Vulpus vulpus</i>	Do	Do	Do	Do	Do					
	langur	<i>Semnopithecus ajas</i>	Do	Diurnal	do	Do	Do					
	Wild goat	<i>Capra aegagrus</i>	Do	Do	Do	Do	Do					
	Muskdeer/ Ronhs	<i>Moschus leucogaster</i>	Do	Do	Do	Do	Do	rare				
Birds	Owl	Family Strigidae	Do	Nocturnal	Do	Do	Do					
	Pigeon	<i>Columbia livia</i>	Every where	Diurnal	Through out year	Plenty	plenty					

Birds	Cuckoo	<i>Cuculus canorus</i>	Forest	do	summer	Plenty	Plenty
	Gray wag tail	<i>Motacilla cinerea</i>	Every where	Do	Through out year	Do	Do
Amphibians	Frog	<i>Rana tigrina</i>	Ponds, ditches		summer	Abundant	Common
Rodents	Chuha	<i>Mus booduga</i>	Fields	Common in houses	Throughout the year	Plenty	Common
	Gagud	<i>Rattus rattus</i>	Houses	Grey colour, large size	Throughout the year	Plenty	Plenty
	Een/ Kees/ Flying squirrel	<i>Eoglaucomys fimbriatus</i>	Temperate	Nocturnal	Throughout the year	Common	Common
	Porcupine/ Shale	<i>Hystrix indica</i>	Temperate	Black and white in colour with long, sharp spikes on posterior side	Throughout the year	Plenty	Common
Reptiles	Himalayan pit viper	<i>Agkistrodon himalayanus</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Summer	Plenty	Common
	Lal saanp	<i>Ptyas mucosa</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Throughout the year	Plenty	Common
	Saanp	<i>Lycodon Mackinmoni</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Throughout the year	Plenty	Common

Necessary for maintenance of Ecological balance

Prohibited

Locals having good knowledge with respect to their identification

Leech

Hirudo medicinalis

Temperate
region

Soft,
segmented
body

Summer

Common

Common



Format-29 : Flora.

1	2	3	4	5	6	7
S. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare/ Common etc.)

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	Muskdeer	Moschus leucogaster	Mammal	Terrestrial	Rare
2	Black bear	Ursusthibetanus	Do	Do	Common
3	Wild goat	Capra aegagrus	Do	Do	Rare
4	Languor	Semnopithecus	Do	Do	Common
5	Leopard	Panther pardus	Do	Do	Common
6	Fox	Vulpes vulpes	Do	Do	Rare
7	Jackal	Canisaures	Do	Do	Common
8	Jungle cat	Felis chaus	Do	Do	Rare
9	Owl	Strigidae	Bird	Ariel	Rare
10	Blue rock pigeon	Columba livia	Do	Do	Common
11	Vulture	Gyps fulvus	Do	Do	Rare
12	Chakor	Akectirus chukar	Do	Do	Common
13	cukoo	Cuculuscanorus	Do	Do	Do
14	Sparrow	Passer domesticus	Do	Do	Do
15	Crow	Corvussplenders	Do	Do	Do
16	Mynna	Acridotherestrictis	Do	Do	do

Format-31 : Any other information of local importance.

1	2	3
S. No.	Information of local importance	Remarks
1		
2		