

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Panjgrain

Taluk: Bhalla

District: Doda

State: J&K UT

Geographical Area of the Panchayat Samiti: 486.6 Hac.

Population under the Panchayat Samiti: 1929

Male: 984

Female: 945

Habitat and Topography: Hilly

Climate (Rainfall, Temperature and weather patterns): Moderate rainfall

Land Use (Nine fold classification available with village records):

Date, Month and Year of PBR Preparation: 15- 09- 22

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(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: Vaneeka Rani

Age: 40

Gender: Female

Address: Malothi

Area of specialization: Agriculture

2) Name: Parveen Akhter

Age: 46

Gender: Female

Address: Malothi

Area of specialization: Agriculture

3) Name:- Shabnam Begum

Age: 29

Gender: Female

Address: Malothi

Area of specialization: Farming/Agriculture

4)Name: Ab. Gani

Age: 60

Gender: Male

Address: Panjgrain

Area of specialization: Animal Husbandry

5)Name: Susheel Kumar

Age: 42

Gender: Male

Address: Malothi

Area of specialization: Farming/ Animal Husbandry

6)Name: Amit kumar

Age: 35

Gender: male

Address: panjgrain

Area of specialization: panchayat sec

7)Name: khursheed ahmed

Age: 48

Gender: male

Address: panjgrain

Area of specialization:

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

1)Name: Abdul bashir

Age: 65

Gender: male

Address: panjgrain

Area of specialization: bones injury

Location from which the person accesses biological material: forest

Perception of the practitioner on the resource status: satisfactory

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:

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

1) Name of the Chairperson: S.S Baloria

Age: 45

Gender: Male

Address: Malothi

Area of specialization: Agriculture

2) Name of the Chairperson: Khursheed Ahmed

Age: 52

Gender: Male

Address: Malothi

Area of specialization: Horticulture

3) Name of the Chairperson: Gh. Nabi

Age: 50

Gender: Male

Address: Malothi

Area of specialization: Ayurveda

4) Name of the Chairperson: Manzoor Ahmed

Age: 56

Gender: Male

Address: Soura

Area of specialization: Fisheries

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:

4) Contact Person:

Name and Address:

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

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

End of Part I

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 Sown	Local Status		Special features	Cropping Season	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community /Knowledge Holder
						Past	Present							
Maize	<i>Zea mays</i>	Kookri	Plandri, Rashi4794, Bio-9621, Bio-9220	Hilly temperate and intermediate	21205ha	Plenty	Average	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 th april.		HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Wheat	<i>Triticuma estivum</i>	Kanak, gandham	HS-240, VL-804, HS-507	Hilly, temperate and intermediate	5603ha	Plenty	Average	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	<i>Oryza sativa</i>	Chawal	Veliyan	Lowland valleys	n/a	Plenty	Average	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	<i>Hordeum vulgare</i>	Joo	Local barley, ratna, sonu	Hilly, temperate and intermediate	3450 ha	Plenty	Plenty	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	<i>Vignamungo</i>	Kaali dhal	Local, PU-19, PU-31, Shekher-3	Temperate and intermediate	850 Ha	Plenty	Average	-	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	<i>Macrotylomauniflorum</i>	Kulthi	Local,	Temperate and intermediate	250 Ha	Plenty	Average	-	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	<i>Vigna unculata</i>	Roongi or roong	Local, C-1, C-152, PS-42	Temperate and intermediate zones	Mixed crop with maize in about 250 Ha	Plenty	Average	Grown as a mixed crop with maize	Kharif	Green pods used as vegetable, seeds used as pulse in 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	<i>Brassica juncea</i>	Saroon	Local, KS-101, KOS-1	Temperate and intermediate zones		Plenty	Plenty	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	<i>Raphanus sativus</i>	Mooli	Local turnip shaped radish	Temperate conditions	150 Ha	Plenty	Average	-	2-3 crops Round the year	Eaten raw, used as vegetable and pickle making	Traditional variety and cultivation practices	Round shaped, white colored	Seed being traditionally cultivated and produced locally	Farmers of Kansar Village of Bhaderwah (Doda) J&K
Knolkhol	<i>Brassica oleracea var. gongylodes</i>	Kaddam	Local, Purple Vienna	Temperate and intermediate	550 Ha	Plenty	Plenty	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 fibre even 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.
Kale	<i>Brassica oleracea</i>	Haak	G.M Dari, Khanyari	Hilly temperate and intermediate		Plenty	plenty	high yield production	Kharief and Rabi crop	Ass vegetable	Rich in fibre	Suitable for all areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Bottlegourd	<i>Lagenaria siceraria</i>	Aul	Local variety	Hilly temperate and intermediate		Plenty	plenty	high yield production	Kharief	As vegetable	good for health	Suitable for all areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Potato	<i>Solanum tuberosum</i>	Aalu	Pahadi aalu	Hilly temperate and intermediate		Plenty	plenty	high yield production	kharief	as vegetable and chips	rich in proteins and carbohydrates	suitable for almost plain areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Frenchbeans	<i>Phaseolus vulgaris</i>	frashbean	pahadibeans	Hilly temperate and intermediate		Plenty	plenty	high yield production	may to october	As vegetable	rich in iron and magnese	Suitable for all areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK

Tomato	<i>Lycopersicon esculentum</i>	Rotawanghu n	cherry tomato, roma SS-1	Mid/temperate hills		Plenty	plenty	NA	July- September	as vegetable and jam	Rich in vitamin C and Lycopene	NA	Seed being traditionally cultivated and focussed locally	Local/ Aged farmers of rural communities possess TK
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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	Associated TK	Uses	Other Details market / own use	Community /Knowledge Holder
					Past	Present						
Apple	<i>Malus domestica, borkh</i>	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Plenty	Average	Nurseries	Aug-Oct		Fruit, Economy Generation	Marketing, Own use	department of horticulture
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Tree, regular bearing	Plenty	Plenty	Nurseries	Aug-Sep		Fruit, Economy Generation	Marketing, Own use	department of horticulture
Peach	<i>Prunus persica (L) batsch</i>	Aaroo	July Elberta, Quetta	Tree, regular bearing	Plenty	Rare	Nurseries	June-July		Fruit	Marketing, Own use	department of horticulture
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebcu	Tree, regular bearing	Plenty	Plenty	Nurseries	June-July		Fruit	Own Use	department of horticulture
Walnut	<i>Juglans regia</i>	Akhrot	Paper/Thin Shelled, Hard & Medium Shelled	Tree, regular bearing	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct		Dry-fruit, Economy generation	Marketing, Own use	department of horticulture
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Plenty	Average	Nurseries& Locally raised	July-Aug		Fruit	Own use	department of horticulture
Pecannut	<i>Carya illinoensis</i>	Pecan	Western shell	Mid/temperate hills	Rare	Rare	Nurseries	Sept-Oct		Dry Fruit	Marketing, Own use	department of horticulture
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa, Allo Bukhara	Mid Hills	average	average	Nurseries, locally raised	July-august		Fruit	Own use	department of horticulture
Persimmon	<i>Dios pyrus</i>	Amlook	Local	Mid/temperate hills	Rare	average	Locally raised	July-august		Fruit	Marketing, Own use	department of horticulture

Olive	<i>Olea europea</i>	Khao, jaiton	Local, Carotina	Mid/temperate hills	average	Rare	Govt. Nurseries	August-October		Fruit	Marketing, Own use	department of horticulture
Quince	<i>Cydonia oblonga</i>	Bhai	Local	Mid/temperate hills	average	Average	locally raised	July-September		Fruit, Seed	own use, Marketing	department of horticulture
Pomegranate	<i>Punica granatum</i>	anaar	anaar	Mid/temperate hills	average	average	locally raised	July-September		Fruit	own use, Marketing	department of horticulture

Format 3:-Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape /Habitat	Local Status		Source of Seeds / Plants	Associated TK	Part Used	Other Details	Community /Knowledge Holder
				Past	Present					
Oats	<i>Avena sativa</i>	Ghaas	Temperate/ Intermediate	Local varieties	Improved varieties	Self	Stored in locally made indigenous structure called "Tye"	Crop	use as a fodder	local farmers of rural community
Berseem (Egyptian Clover)	<i>Trifolium alexandrinum</i>	Ghaas	Irrigated areas	local varieties	Improved varieties	Self	NA	Crop	use as a fodder	local farmers of rural community
Dub grasses	<i>Cynodon dactylon</i>	Dub grasses	Temperate/ Intermediate	local varieties	local varieties	self	NA	Whole	use as a fodder	local farmers of rural community
Loonder grass	<i>Themeda anathera</i>	ghass	Temperate/ Intermediate	local varieties	local varieties	self	NA	Whole	used in broom making and use as a fodder	local farmers of rural community
Milkweed	<i>Euphorbia thymifolia</i>	Dudli	Temperate/ Intermediate	local varieties	local varieties	self	NA	crop	containing milky fluid like substance	local farmers of rural community
sorghum	<i>Sorghum bicolor</i>	charri	Temperate/ Intermediate	local varieties	local varieties	self	NA	crop		local farmers of rural community
crowfoot grass	<i>Dactyloctenium australe</i>	Beran	Temperate/ Intermediate	local varieties	Improved varieties	self	NA	Crop	containing lots of fibre	local farmers of rural community
Johnson grass	<i>Sorghum halepense</i>	Bray	Temperate/ Intermediate	local varieties	Improved varieties	self	NA	crop	associated with maize crop	local farmers of rural community
lamb's quarters	<i>Chemopodium album</i>	kunah	Temperate/ Intermediate	local varieties	Improved varieties	self	NA	crop	associated with maize crop	local farmers of rural community

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					
Ipomoea	<i>Ipomea spc.</i>	Zeharbael	Maize	Destroys the plant	Temperate and Intermediate	Average	Rare	Nil	Proper and timely removal	Nil	NA	local farmers of rural community
Ipomoea	<i>Ipomeaaqatica</i>	Ghaas	paddy	Destroys the plant	Temperate and Intermediate	Average	Rare	Nil	Proper and timely removal	Nil	NA	local farmers of rural community
Celosia	<i>Celosia argentina</i>	Neeli	Paddy	Destroys the plant	Temperate and Intermediate	Average	Rare	Nil	Proper and timely removal	Nil	NA	local farmers of rural community
Mash	<i>Cyprus esceluntus</i>	Ghass	-	Affect crop yield	Temperate and intermediate areas of the District	Average	Rare	-	Proper and timely removal	Nil	-	NO TK associated with either knowledge or management of Ipomea weed
Shrub	<i>Urtica dioica</i>	soi	Local/wild	Affect crop yield	Temperate and Intermediate	Average	Rare	Whole	mechanical and chemical	competes with main crop	NA	local farmers of rural community
Dub grass	<i>Cynodon dactylon</i>	Dramun	vegetables	Affect crop yield	Temperate and Intermediate	Average	Rare	nil	using weedicide	competes with main crop	NA	local farmers
Johnson grass	<i>Sorghum halepense</i>	Bray	Maize	Affect crop yield	Temperate/ Intermediate	average	Rare	nil	hand picking	competes with main crop		local farmers of rural community
Milk weed	<i>Euphorbia thymifolia</i>	Dudli	maize	Affect crop yield	Temperate/ Intermediate	Average	Rare	nil	using weedicide or hand picking	competes with main crop	NA	local farmers of rural community

bang	<i>cannabis indica</i>	bang	khariief crops	Affect crop yield	agricultural land and wasteland	average	Plenty	nil	mechanical and chemical	competes with main crop	NA	local farmers of rural community
All crops	<i>Cardiospermum halicacabum</i>	-	Lataphatkari	Affect crop yield	Temperate and intermediate areas of the District	average	Rare	nil	mechanical and chemical	-	-	No TK associated with either knowledge or management of <i>Inomea weed</i>
All crops	<i>Rumex crispus</i>	Janglipalak	khariief crops	Affect crop yield	Temperate and intermediate areas of the District	average	Rare	nil	mechanical and chemical	-	-	No TK associated with either knowledge or management of <i>Inomea weed</i>
All crops	<i>Setariaglauca</i>	Shitta	khariief crops	Affect crop yield	Temperate and intermediate areas of the District	average	average	nil	mechanical and chemical	-	-	No TK associated with either knowledge or management of <i>Inomea weed</i>
All fields	<i>Partheniumhysperophorus</i>	Chittaka	khariief crops	Affect crop yield	Temperate and intermediate areas of the District	average	Rare	nil	mechanical and chemical	-	-	No TK associated with either knowledge or management of <i>Inomea weed</i>

Format-5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect /Animals	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management mechanism	Associated TK	Other Details	Community /Knowledge Holder
Paddy	Leaf folder	<i>Cnaphalocrocis medinalis</i>	Patta modak	Paddy fields	Tillering stage/Rainy season (monsoon)	Dragging rope across the field, light traps, spraying chloropyrifos, cypermethrin, or Cartap hydrochloride to kill the larvae	Clipping of upper portion of seedlings is considered very effective management		local farmers of rural community
	Stem borer	<i>Scirpophaga incertulas</i>	Tanna shedak	Paddy fields	July to September	Soil solarisation in May or June.		ETL 5% Dead heart	local farmers of rural community
						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. 2. Or spray Cartap hydrochloride 50 SP @ 1gm/ lt water or Chloropyriphos 20 EC @ 2.5 ml/ lt water at ETL 5% Dead hearts			
Rice Hispa	<i>Dicladispa armigera</i>	kida	Paddy fields	July to September	Removal of weeds, Clipping of the leaf tips containing larva mines, In situations of high hispa incidence, skip nitrogen fertilizer top-dressing		Top- dressing after the pest management measures can	local farmers of rural community	

Paddy						Spray crop with Chlorophyriphs 20 EC @ 2ml/lit or Quinophos 25 EC @ 1.5 ml per litre of water.		enhance recovery	
	Brown Plant Hopper	<i>Nilaparvata lugens</i>		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.			local farmers of rural community
Paddy	Grass hopper	<i>Hieroglyphus banian</i>	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.			local farmers of rural community
	Thread worm	<i>Strongyloides stercoralis</i>	Viscal	Low lying areas/paddy fields	July to October	Deep ploughing 2 to 3 times			local farmers of rural community
						Crop rotation, Soil application with neem cake @ 100-120 kg/ha			
Soil Application of Cartap Hydrochloride 4G @1.25kg/kanal or Carbofuran 3G @1kg/kanal or Chloroprifos 10G @ 500 gm/ kanal									

	Termites	<i>Odontotermis obesus</i>	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	local farmers of rural community
	Stem Borer	<i>Chilo partellus</i>	ludi	Polyphagous	Kharif	Field sanitation and continuously remove and destroy the affected plants and stubbles completely.			local farmers of rural community
Wheat	Grass hopper					Deep ploughing, follow crop rotation.			
						Use <i>Trichogramma</i> spp., <i>Chrysoperla carnea</i> 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.			
		<i>Hieroglyphus banian</i>	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.			local farmers of rural community
						Eradicate/destroy the weeds Field sanitation Deep summer ploughing,		Schedule spray application only when approx 50% of eggs are	local farmers of rural community

Wheat	Cereal Leaf Beetle	<i>Oulema melanopus</i>		Kharif	Kharif	Destroy the eggs manually if possible.	hatched as the chemicals are mostly effective against larval stage then eggs or adult stage	local farmers of rural community
						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.		local farmers of rural community
Maize	Corn worm	<i>Helicoverpa armigera</i>	sundi	Maize cobs	Kharif	Weeds eradication, Setting up light traps for adults @ 1/acre.		local farmers of rural community
						Installing pheromone traps @ 6-10/acre.		
						Spray NSKE 5% against eggs and first instar larvae.		
						Spray crop with BT (<i>Bacillus thuringiensis</i>) @ 1 kg/ hactare or NPV formulations @ 250 LE in 500 lt water for hactare .		
						Spray crop with spinosad @ 1gm/ litre or or Malathion 50 EC @ 1ml per litre of water or Quinalphos 25 EC @ 2ml/lt water.		

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

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	Do	GEN	NA	NA	70
	Farmers	Farming	Farmlands	Do	Do	Do	SC	NA	NA	85
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	GEN	NA	NA	169
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	ST	NA	Na	30
	Govt. Employees	Agriculture, Horticulture	Farmlands	Traditional Practices and accessed mainly after February till October	Land Levelling, Terrace formation	Do	SC	NA	NA	26

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

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: 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			Cultivated	Fertile land	Private	Plants, Herbs	Rodents, insects	Villagers	Crop Rotation, Terracing	Cultivation	Used for farming	Nil	Low income communities
Non Cultivated			Non-Irrigated Land										
Forest Land			Forest Land	Less fertile	Govt. as well as private	Marshy, Swampy plants	Insects and Amphibians	Villagers	Crop Rotation, Terracing	Cultivation	Available for farming	Nil	Low income communities
Grazing Land			Non-Irrigated Land	Forests	Govt. Land	Deodar, Pine, Spruce etc.	Wild animals, Insects	Villagers	Afforestation, Closers	Firewood, timber, medicinal plants etc.		Nil	Every Community
Irrigated Land			Irrigated land	Fertile land	Private land	Rice, Vegetables flowers etc.	Amphibians, Insects	Zamindars	Canals, Channels, Khuls, Distributories etc	Crop Cultivation		Nil	

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

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

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 /Habitat	Local Status		Source of Seeds / Plants	Season of fruiting	Usage	Associated TK	Other Details market / own use	Community /Knowledge Holder
						Past	Present						
Apple	<i>Malus domestica, borkh</i>	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Average	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	Farmer/ Department of Horticulture
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation		Marketing, Own use	Farmer/ Department of Horticulture
Peach	<i>Prunus persica(L) batsch</i>	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit		Marketing, Own use	Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebco	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit		Own Use	Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhrot	Paper/Thin Shelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation		Marketing, Own use	Farmer/ Department of Horticulture
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Average	Nurseries& Locally raised	July-Aug	Fruit		Own use	Farmer/ Department of Horticulture
Persimmon	<i>Dios pyrus</i>	Amlook	Local	Tree, regular bearing	Mid/ Temperate Hills	Average	Rare	Locally Raised	July-Aug	Fruit		Own use	Farmer/ Department of Horticulture

Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	Tree, shrub, regular bearing	plains, mid hills	Average	rare	Nurseries, locally raised, wild	May-August	fruit, anardana		own use	Farmer/ Department of Horticulture
Olive	<i>Zaitoon</i>	<i>Olea europea</i>	Carolea, CoratinaFrontoio,	Tree, shrub, regular bearing	Mid hills	Average	Rare	Govt. ACHD Ramban	Rainy	-	Oil		Farmer/ Department of Horticulture
Persimmom	<i>Diospyrus kaki</i>	<i>Amlook</i>	Fuyu, Jiro, Hachia	Tree, shrub, regular bearing	Mid hills	Average	Rare	Govt. Nurseries	Rainy	-	Fresh/Dry Fruit		Farmer/ Department of Horticulture
Pomegranate	<i>Anardana, daroo</i>	<i>Punicagranatum</i>	Anardana, Kandhari, Ganesh	Tree, shrub, regular bearing	Lower hills upto Mid hills	Average	Rare	Govt. Nursery/ Private Registered Nry	Rainy	-	Anardana		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>		Local	Tree, shrub, regular bearing	Mid hills	average	Rare	Govt. Nursery/ Private Registered Nry	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
almond	<i>Prunus amygdalus</i>	badam	local	Tree, regular bearing	Mid Hills	Average	Rare	loacally raisedor depatment of agriculture	july to sept	dry fruit economy generation		Own use	Department of horticulture
Fig	<i>Ficus carica</i>		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/ Habitat	Source of Plant/seeds	Location Status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community know Holders
						Past	Present					
Herb	Pyaz	<i>Allium cepa</i>	Local	Temperate	cultivated	Available	Available	To cure cough and cold	Root	Used for cough and cold	Extract	Self-observation
Herb	Lahsun	<i>Allium sativum</i>	Local	Temperate	cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	As such	Self-observation
Herb	Pudina	<i>Mentha spicata</i>	Local/wild	Temperate	cultivated	Available	Available	To cure infections	Leaf	Used for infection	Medicated acupressure	Self-observation
Herb	Tamatar	<i>Solanum lycopersium</i>	Local	Temperate	cultivated	Available	Available	To cure heart and kidney diseases	Fruit	Heart and kidney diseases	Fruit	Self-observation
Shrub (evergreen)	Kimbal	<i>Berberis lycium</i>	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
Herb	Patreesh	<i>Aconitum heterophyllum</i>	Local/wild	Temperate	Cultivated/naturally grown	Available	Available	used against diarrhoea , general weakness and fever	roots	available	marketing and own use	naturally / rural farmers
Shrub	Soi	<i>Urtica dioica</i>	Local/wild	Temperate	Cultivated/naturally grown	Available	Average	Rehumitides	Leaves/ stem	available	marketing and own use	naturally / rural farmers

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
Shurb	Teevand	<i>Viburnum grandiflorum</i>	Forest	Temperate	Non commercial	use as anti inflammatory medicine	NA	NA	local people
Shurb	Tilpushu	<i>Digitalis purpurea</i>	Forest	Temperate	Non commercial	used to treat edema	NA	NA	local people
Shurb	Rose	<i>Rosa sancatun</i>	near home garden/ wild	Temperate	Non commercial	Ornamental	NA	NA	Self observed
Shurb	Merigold	<i>Tagetes erecta</i>	near home garden/ wild	Temperate	Non commercial	Ornamental	-	NA	Self observed

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/ Know. holder
				Past	Present					
Tree	Walnut	<i>Juglans regia</i>	Temperate	Least	Plenty	Wild , home	Furniture, tooth cleaner		unknown	Community/ Know. holder
Tree	Banj	<i>Quercus incana</i>	Temperate	Plenty	Plenty	Wild	Firewood		Unknown	Department of horticulture and local people
Tree	Apricot	<i>Prunusar meniaca</i>	Temperate	Least	Plenty	Wild, home	Furniture, firewood		Unknown	Department of horticulture and local people
Tree	Peach	<i>Prunus persica</i>	temperate	Least	Plenty	Wild, home	Firewood		Unknown	Department of horticulture and local people
Tree	Keth	<i>Pyru spashia</i>	Temperate	Plenty	Least	Wild	Firewood		Unknown	Department of horticulture and local people
Tree	Drek	<i>Melia azedarach</i>	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local people
Tree	Moru oak	<i>Quercus floribunda</i>	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Strongest wood	Department of horticulture and local people

Tree	Fur	<i>Abies pindrow</i>	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local people
perinnial	Kail	<i>Pinus wallichania</i>	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local people
perinnial	Tulkul	<i>Morus nigra</i>	Temperate	Plenty	Average	wild/ home-garden	fodder for silk worm and Firewood	NA	Unknown	Department of horticulture and local people
perinnial	Devdar	<i>Cedrus deodara</i>	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Strongest wood	Department of horticulture and local people
Tree	Chinar	<i>Plantanus orientalis</i>	Temperate	Plenty	least	wild/ home-garden	Furniture, firewood	NA	Unknown	Department of horticulture and local people
Tree	Shisham	<i>Dalbergia sissoo</i>	Temperate	Plenty	Average	wild/ home-garden	Furniture, firewood	NA	Unknown	Department of horticulture and local people

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					
Cattle	Desi Gai	<i>Bos indicus</i>	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	<i>Bos taurus</i>	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	<i>Bos taurus</i>	CB HF	Black & white	Free range/ semi intensive	Few	Number increased	Dairy	Nil	No	Milk, Butter, curd, Ghee etc	All
	Horse	<i>Equus caballus</i>	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	<i>Gallus domesticus</i>	Local	Colored, Good meat	Backyard	Constant	Constant	Egg, meat	Nil	No	Egg, meat	All
	Farmi murgi	<i>Gallus domesticus</i>	Chabro Cross	Colored, more eggs	Backyard	Few	Increased	Egg, meat	Nil	No	Egg, meat	All
Poultry	Broiler	<i>Gallus domesticus</i>	Hybrid	White color	Deep litter	Few	Increased	Meat	Nil	Yes	Meat	All
Dog	Kutta	<i>Canis familiaris</i>	Local	----	Stray	Abundant	Abundant	Nil	Nil	No	No	Stray
Cat	Billi	<i>Felis catus</i>	Local	Grey colored	Pet	Abundant	Abundant	Nil	Nil	No	Nil	Nil
Sheep	Bhaed	<i>Ovis aries</i>	Local	Small size/ rough coat	Flock rearing	Plenty	Rare	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads

Goat	Bhaed	<i>Ovis aries</i>	Rambouillet cross	Large size/fine wool	Flock rearing	Rare	Plenty	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bakri	<i>Capra hircus</i>	Local	Small /less weight	Flock rearing	Plenty	Rare	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bakri	<i>Capra hircus</i>	Kaghani (bakarwali)	Large size/ more weight	Flock rearing	Rare	Plenty	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, 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/T alao)	Local status		Uses	Associated TK	Commercial Rearing	Other details	Community Know. Holders
						Past	Present					
Fresh Water Fish	Carp Fish	<i>Cyprinus carpio</i>	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	<i>Schizothorax</i>	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	<i>Rainbow trout</i>	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 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>	Tree	Temperate	dense	Average	Commercial, own use	Whole for different uses		Roofing, furniture etc	local farmers of rural community
Tree	Kail	<i>Pinus wallichiana</i>	Tree	Temperate	dense	Average	Commercial, own use	Whole for different uses		Roofing, furniture etc	local farmers of rural community
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Temperate	dense	Average	Commercial, own use	Whole for different uses		Roofing, furniture etc	local farmers of rural community
Plant	Bankakri	<i>Podophyllum hexandrum</i>	Plant	Temperate	Available	Average	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	local farmers of rural community
Herb	Banafsha	<i>Viola odorata</i>	Herb	Temperate	Available	Abundant	Commercial, own use	Flower		Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs	local farmers of rural community

Climber	Kins	<i>Dioscorea deltoidea</i>	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 through rhizome.	local farmers of rural community
Mushroom	Guchhies	<i>Morchella spp.</i>	Mushroom	Temperate	Available	Rare	Commercial, own use	Whole plant		Used in medicines preparation	local farmers of rural community
Shrub	Tiundh	<i>Viburnum tinus</i>	Shrub	Forest	Good availability	Average	Own use	Whole plant	Medicinal values, fruits are edible	Fruit is edible	local farmers of rural community
Shrub	kundi	<i>Peziza violacea</i>	Shrub	Forest	Plenty	Average	Own use	Whole plant	Medicinal values, fruits are edible	Vegetable	local farmers of rural community

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	<i>Juglans regia</i>	wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol	
2	Bhang	<i>Cannabis sativa</i>	wild	Commercial extraction banned, given to animals to improve their health	
3	Wild Pomegranate	<i>Punica grantum</i>	wild	Used in making chutney	Extracted by farmers by along roadside of hilly areas of the district
4	GuchiMashroom	<i>Morchella esculenta</i>	wild	Dried and sold which fetches Rs.10000-15000 per Kg Used in making pulao (cuisine), as aphrodisiac in medicine	
5	Kasrod	<i>Diplazium</i>	wild	Used as vegetable, collected by locals and sold	
16	kundi	<i>Peziza violacea</i>	wild	Used as vegetable, collected by locals and sold	average
17	Bankakri	<i>Podophyllum hexandrum</i>	wild	Used as vegetable, collected by locals and sold	average

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
1	West himalyan alder	<i>Alnus nitida</i>	local	medicinal use of bark of this tree	abundant
2	Duckweed	<i>Spirodela polyrhiza</i>	local	use animals for feedingand also helps in bioremediation	abundant

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	Part used	Other details market/own use	c.knowledge holder
					Past	Present					
Plant	Bankakri	<i>Podophyllum hexandrum</i>	plant	Temperate	Available	Available	Available	It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer	Fruit		
Herb	Banafsha	<i>Viola spp.</i>	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	<i>Dioscorea deltoidea</i>	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 through rhizome	Tuber		
Mushroom	Guchhies	<i>Morchellaspp</i>	Mushroom	Temperate	Available	Available	Available	Used in medicines prepration	Whole plant		
Herb	Patreesh	<i>Aconitum heterophyllum</i>	Herb	Temperate	abundant	average	Available	used against diarrhoea , general weakness and fever	roots	own use /marketing	local farmers of rural community

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	<i>Viburnum grandiflorum</i>	Forest	Temperate	Non commercial			
Tilpushu	<i>Digitalis purpurea</i>	Forest	Temperate	Non commercial			
Rose	<i>Rosa sancatun</i>	Red rose	Low land	Commercial	Ornamental	Not Known	Self observed
Merigold	<i>Tagetes erecta</i>	local	Natural	both	ornamental	-	-
Bull bay	<i>Magnolia grandiflora</i>	Local	Natural	Both	Ornamental and medicinal		Self observed
Green spire	<i>Euonymus japonicus</i>	Local	land scape plant	non commercial	Ornamental		Self observed

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (herb,shrub,T ree)	Local Name	Scientific Name	Variety	Habitat	Local status		uses	Part used	Ass.TK	Other details	Community knowledge holder
					Past	Present					
Herb	Pudina	<i>Mentha longifolia</i>	Herbaceous perennial	temperate regions /homegardens	plenty	plenty	herbal uses, beverages etc	leaves	used with vinegar remove dandruff	NA	local farmers
Herb	Baberbeol	<i>Ocimum basicilum</i>	Herbaceous perennial	temperate regions /homegardens	average	average	spice and cosmetic use	seeds	cosmetic use	NA	local farmers
Herb	saunf	<i>Foeniculum vulga</i>	Herbaceous perennial	temperate regions /homegardens	plenty	average	used as a spice and some other medicinal uses	saunf	cooking and chewing	NA	local farmers
Herb	Methi	<i>Trigonella foenum graceum</i>	Annual plant	temperate regions /homegardens	plenty	average	used in stomach troubles and anaemia	leaves and seeds	cooking	NA	local farmers
Herb	Baryan(sweet flag)	<i>Acorus calamus</i>	Herbaceous perennial	marshy areas	average	average	used to treat stomach ailments, gouts etc	rhizomes and leaves	treat digestive problems	NA	local farmers
Herb	Rohni	<i>Allium sativum</i>	perennial bulbous	temperate regions /homegardens	plenty	plenty	spice	cloves	used as a medicine to treat insect bites	NA	local farmers
Herb	Ajwain	<i>Trachyspermu mammi</i>	Forest	Temperate	Available	Available	Cooking	Seeds	treat digestive problems	NA	local farmers

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other uses, if any	Associated Tk	Any other detail	Community knowledge holder
			Past	Present				
Deodar	<i>Cedrus deodara</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Generally, held by community
Fir	<i>Abies pindrow</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Generally, held by community
Spruce	<i>Picea smithiana</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Generally, held by community
Kail	<i>Pinus wallichiana</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Self observed
Chir	<i>Pinus roxburghai</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Self observed
Apricot	<i>Prunus menisaca</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		local people
Peach	<i>Prunus persica</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		local people
Keth	<i>Pyru spashia</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		local people
Rubinkul	<i>Robinia sp</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		local people
Drek	<i>Melia azedarach</i>	Terrestrial temperate	Dense	Less dense	,firewood , furniture	Commercial, own use		local people
Moru oak	<i>Quercus floribunda</i>	Terrestrial temperate	Dense	Less dense	furniture, roofing ,ploughing equipment etc	Commercial, own use		local people

Kikar	<i>Robinia pseudoacacia</i>	Terrestrial temperate	Dense	Less dense	use for fodder ,firewood	Commercial, own use		local people
Chinar	<i>Plantanus orientalis</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Forestry
Shisham	<i>Dalbergia sissoo</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Forestry
Teak	<i>Tectona granis</i>	Terrestrial temperate	Dense	Less dense	furniture, roofing etc	Commercial, own use		Forestry
Tulkul	<i>Morus nigra</i>	Terrestrial temperate	Dense	Less dense	firewood , fodder for silkworm etc.	Commercial, own use		Forestry
Chir	<i>Pinus roxburghii</i>	Terrestrial temperate	Dense	Less dense	Roofing, furniture etc	Whole for different uses		Forestry
Walnut	<i>Juglans regia</i>	Terrestrial temperate	Dense	Less dense	Furniture, tooth cleaner	Commercial, own use		local people
Banj	<i>Quercus incana</i>	Terrestrial temperate	Dense	Less dense	Furniture, roofing	Commercial, own use		Forestry

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	Ass. TK	Mode of hunting	Other details	Community/ Knowledge Holder
						Past	Present					
Mammal Carnivore	Chitra	<i>Panthera pardus</i>	Forest		All time	Available	Less	no		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Reech	<i>Selenarctost hibetanus</i>	Forest		Summer season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	GhorBla	<i>Felis bengalensis</i>	Forest		All season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mamal	Jungle bili	<i>Felis chaus</i>	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	shal	<i>Herpetesauropunctatus</i>	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Gidh	<i>Cains aureseus</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Fakal	<i>Vulpes vulpes</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Dink	<i>Martes foina</i>	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Rodent	Navel	<i>Lepus nigricollis</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Titar	<i>Frabcikuby sfrancolinus</i>	Forest		Not available	Available	Less	No		Prohibited	Maintains forest ecosystem	

Bird	Chakor	<i>Alectoris graeca</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Ghugi	<i>Strepto peliadeoacto</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Iel	<i>Gyps himayensis</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Khukhow	<i>Clamato rjacabinu</i>	Forest		Spring season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	DhikCharak	<i>Picus cholorolophus</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Kova	<i>Corvus smacrorhynchos</i>	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	<i>Himaliyan trout</i>	water		All time	Available	Available	No		Prohibited	Maintains forest ecosystem	
Birds	Eagle owl	<i>Bubo bubo</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Gold billed blue magpie	<i>Urocissa flavirostris</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Green backed tit	<i>Parus monticolus</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Griffon vulture	<i>Gyps fulvus</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Himalayan pied wood-pecker	<i>Dendrocopos himalayensis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Himalayan tree-creeper	<i>Certhia discolor</i>	Forest		All season	Common	Common		Unknown			Generally, held by community

Birds	House sparrow	<i>Passer domesticus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Jungle crow	<i>Corvus macrorhynchos</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Koel	<i>Eudynamys scolopaceas</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Pariah kite	<i>Milvus migrans govinds</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Peregrine	<i>Falco peregrines</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Pied or white wagtail	<i>Motacilla alba</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Plumbeous water-redstart	<i>Rhyacornis fuliginosus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Red jungle fowl	<i>Gallus gallus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rose ringed parakeet	<i>Psittacula krameri</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rufous trustle dove	<i>Streptopelia orientalis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Scaly-bellied green wood-pecker	<i>Picus squamatus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Slaty blue flycatcher	<i>Muscicapa leucomelana</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Slaty-headed parakeet	<i>Psittacula himalayana</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

Birds	Sparrow hawk	<i>Accipiter nisus nisosimilis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Spotted fork-tail	<i>Enicurus maculates</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Starling	<i>Sturnus vulgaris</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Swallow	<i>Hirundo rustica</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Swift	<i>Apus apus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Tickells leaf-warbler	<i>Phylloscopus affinis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Tree sparrow	<i>Passer montanus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Tytlers leaf-warblers	<i>Phylloscopus tyleri</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Variegated laughing thrush	<i>Garrulax variegates</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Western tragopan	<i>Tragopan melanocephalus</i>	Forest		All season	Common	Common		Unknown			Generally, held by community
Birds	White breasted kingfisher	<i>Halcyon omyrnensis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	White cheeked bulbul	<i>Pycnonotus leucogenys leucogenys</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	White cheeked nuthatch	<i>Sitta leucopsis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

Birds	White throated tit	<i>Aegithalos leucogenys</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	White-breasted dipper	<i>Cinclus cinclus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	White-browed rosefinch	<i>Carpodacus thura</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	White-capped water-redstart	<i>Chairmarrornis leucocephalus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	White-winged redstart	<i>Phoenicurus erythrogaster</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wren	<i>Troglodytes troglodytes</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wryneck	<i>Jynx torquilla</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow wagtail	<i>Motacilla flava</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow-headed wagtail	<i>Motacilla citreola</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wren	<i>Troglodytes troglodytes</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wryneck	<i>Jynx torquilla</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow wagtail	<i>Motacilla flava</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow-headed wagtail	<i>Motacilla citreola</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

Reptiles	Himalayan bent toad Gecko	<i>Cyrtodactylus himalayanus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Lawder's bent toad gecko	<i>Cyrtodactyluslawderanus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Baltistan gecko	<i>Altiphylaxstoliczkai</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Thin toad gecko	<i>Cyrtopodionmontiumalsorum</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Kashmir rock agama	<i>Laudakiatuberculata</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Himalayan Agama	<i>Paralaudakiahimalayana</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Oriental garden lizard	<i>Calotescf. versicolor</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Theobald's toad-headed agama	<i>Phrynocephalustheobaldi</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Ladakh ground skink	<i>Asymblepharusladacensis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

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

End of Part II