

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:** Diggi

**Taluk:** Bhaderwah

**District:** Doda

**State:** J&K UT

**Geographical Area of the Panchayat Samiti:** 344 Hac.

**Population under the Panchayat Samiti:** 1725

**Male:** 881

**Female:** 844

**Habitat and Topography:** Hilly Area

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

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

**Date, Month and Year of PBR Preparation:** 15.11.2019

**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:** Ghulam Mohd. (Mobile No. : 9906195102)

**Age:** 55

**Gender:** Male

**Address:** Bhrowa

**Area of specialization:** Agriculture/ Constructor

**2) Name:** Rubeena Begum (ST) (Mobile No. : 6005675057)

**Age:** 28

**Gender:** Female

**Address:** Rounda

**Area of specialization:** House hold

**3) Name:** Mukesh Kumar (Mobile No. : 7051185670)

**Age:** 46

**Gender:** Male

**Address:** Diggi

**Area of specialization:**

**4)Name:** Bimla Devi (SC) (Mobile No. : 8082394284)

**Age:** 48

**Gender:** Female

**Address:** s/o Pandku Diggi

**Area of specialization:** Household

**5)Name:** Rajinder Kumar (Mobile No. : 8803246287)

**Age:** 41

**Gender:** Male

**Address:** Thatha Diggi

**Area of specialization:** Agriculture

**6)Name:** Pritam Singh (Mobile No.: 9622031505)

**Age:** 46

**Gender:** Male

**Address:** Rounda Diggi

**Area of specialization:** Ex-Servicemen

**7)Name:** Sudesh Kumar (Mobile No. : 9858958127)

**Age:** 31

**Gender:** Male

**Address:** Sungli

**Area of specialization:** Agriculture

**8)Name:** Arun Charak (Member secretary) (Mobile No. : 7006454151)

**Age:** 35

**Gender:** Male

**Address:** Khuloo

**Area of specialization:** J.R.S

**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**

**1)Name:** Razzak Sheikh

**Age:** 81

**Gender:** Male

**Address:** Bhrowa

**Area of specialization:** Vaid

**Location from which the person accesses biological material:** Forest / Jeri Buti

**Perception of the practitioner on the resource status:**

**Medicinal Use:** Treatment of Fever, Cough and other diseases through traditional methods

**2) Name:** Farooq Ahmed

**Age:** 55

**Gender:** Male

**Address:** Bhrowa

**Area of specialization:** Bone

**Location from which the person accesses biological material:** Jeri Buti

**Perception of the practitioner on the resource status:**

**Medicinal Use:** Bone Repair by Traditional Methods.

**3)Name:** Thakur Lal

**Age:** 71

**Gender:** Male

**Address:** Diggi

**Area of specialization:** Vaid

**Location from which the person accesses biological material:** Jeri Butti

**Perception of the practitioner on the resource status:**

**Medicinal Use:** General Medicine for different diseases through traditional methods.

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: Altaf Hussain

Age: 51

Gender: Male

Address: Diggi

Area of specialization: Agriculture

2) Name of the Chairperson: Hans Raj

Age: 66

Gender: Male

Address: Diggi

Area of specialization: Forestry

3) Name of the Chairperson: Abdul Qarim

Age: 61

Gender: Male

Address: Bhrowa Diggi

Area of specialization: Fisheries

4) Name of the Chairperson: Kashmir Singh

Age: 51

Gender: Male

Address: Rounda Diggi

Area of specialization: Fisheries

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

1) **Contact Person:** 9906195102

**Name and Address:** Gh. Mohd R/o Browah

2) **Contact Person:** 9622031505

**Name and Address:** Pritam Singh R/o Rounda

3) **Contact Person:** 9906189406

**Name and Address:** Rameeza Begum R/o Thata

4) **Contact Person:** 9906333135

**Name and Address:** Dev Raj R/o Thata Diggi

4) **Contact Person:** 6005401653

**Name and Address:** Mudassir Ahmed (JRS) r/o Soura Bhalla

**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**

1	2	3	4	5	6
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		Local	Improved varieties	April sown, local variety dentles, corn & flour sweet in taste	Kharif	Major food item, used as flour, feed to cattle, poultry etc.	Local variety plandri sown before 15 <sup>th</sup> april.	NA	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Wheat	<i>Triticumaestivum</i>	Kanak, gandham	HS-240, VL-804, HS-507	Hilly, temperate and intermediate		Local varieties	Improved varieties	Late maturity	Rabi	Food item, used as flour, feed to cattle, poultry etc.	NA	NA	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		Plenty		Tall variety, High variety resistabt to drought, flood, pest and diseases	May to October	Food, fodder, Fuel, Roofing, Matting	Energy production	Suitable for valichia cultivation	Self, Agriculture Department	Kurichiya

Barley	<i>Hordeum vulgare</i>	Joo	Local barley, ratna, sonu	Hilly, temperate and intermediate		Local varieties	Improved varieties	Most efficient under rainfall conditions	Rabi	Grains used as cattle feed besides, green crop used as fodder.	NA	NA	Self, Agriculture Department	Local/ Aged farmers of rural communities possess TK
Brown Mustard	<i>Brassica juncea</i>	Sarsoon	Local, KS-101, KOS-1	Temperate and intermediate		Local varieties and low production	Improved varieties and high production	Crop severely affected by the snowfall during the month of dec-feb	Rabi	Green leaves used as vegetables and seeds used for extracting oil used in cooking and for other relevant purposes		NA	Farm saved seed, from peer groups of farmers, from dept. 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		Local turnip shaped kansargermplasm	NA	NA	2-3 crops round the year	Eaten raw, used as vegetable and pickle making	Traditional variety and cultivation practice	Round, sharp, white colored	Seed being traditionally cultivated and focussed locally	Farmers of the area



**Format-2 : Fruit Plants**

1	2	3	4		5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Habit	Landscape /Habitat	Local Status		Source of Seeds / Plants	Season of fruiting	Associated TK	Uses	Other Details markt / 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	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	
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	
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	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebcu	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit		Own Use	
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	
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug	Fruit		Own use	

**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	NA	NA
Berseem (Egyptian Clover)	<i>Trifolium alexandrinum</i>	Gjaas	Irrigated areas	NA	Improved varieties	Self	NA	Crop	NA	NA

**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	No weed management	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Ipomoea	<i>Ipomeaaqatica</i>	Ghaas	paddy	Destroys the plant	Temperate and Intermediate	No weed management	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Celosia	<i>Celosia Argentina</i>	Neeli	Paddy	Destroys the plant	Temperate and Intermediate	No weed management	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA

### 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>Cnaphalocraxis</i>	Patta Modak	Paddy fields	Tillering stage/ monsoon	Dragging rope across the field, light traps, spraying chloropyryfos, cypermethrin or cartap hydrochloride to kill the larvae	Clipping of upper portion of seedlings	NA	NA
Paddy	Stem Borer	<i>Scirpophaga incertulas</i>	Tanna shedak	Paddy fields	July to September	Soil solarisation in May or June. Cartap hydrochloride 4G @1.25kg/Kanal or carbofuran 3G @1Kg/Kanal	NA	ETL 5% dead heart	NA
Paddy	Aphids	<i>Sitobin avenae</i>	Tella	Polyphagous	Feb-April	Proper spray of insecticides	NA	NA	NA
Paddy	Pink stem borer	<i>Sesamia inferns</i>	Ludi	Polyphagous/ debris	Nov-feb	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
Wheat	Termites	<i>Odontotermis</i>	Sink	Polyphagous/ sandy and loamy soils	Kharif	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
Wheat	Stem borer	<i>Chilo partellus</i>	Ludi	Polyphagous	Kharif	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
Maize	Corn worm	<i>Helicoverpa armigera</i>	Sundi	Maize cobs	Kharif	Field sanitisation and continuous removal and destruction of infected plants. Installing pheromone traps @ 6-10/acre	NA	NA	NA

**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	Timely & Proper fertilizers, Insecticides, fungicides and anti-bacterial sprays	GEN	NA	NA	
	Farmers	Farming	Farmlands	Do	Do	Do	SC	NA	NA	
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	GEN	NA	NA	
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	ST	NA	Na	
	Govt. Employees	Agriculture, Horticulture	Farmlands	Traditional Practices and accessed mainly after February till October	Land Levelling, Terrace formation	Do	SC	NA	NA	

## 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 101ha	Private	Plants, Herbs	Rodents, insects	Villagers	Crop Rotation, Terracing	Cultivation	Used for farming	Nil	Low income communities
Non-Cultivated Land			Non-Irrigated Land	Less fertile 35ha	Govt. as well as private	Marshy, Swampy plants	Insects and Amphibians	Villagers	Crop Rotation, Terracing	Cultivation	Available for farming	Nil	Low income communities
Forest Land			Forest Land	Forests 85ha	Govt. Land	Deodar, Pine, Spruce etc.	Wild animals, Insects	Villagers	Afforestation, Closers	Firewood, timber, medicinal plants etc.	NA	Nil	Every Community
Irrigated land			Irrigated land	Fertile land 82ha	Private land	Rice, Vegetables flowers etc.	Amphibians, Insects	Zamindars	Canals, Channels, Khuls, Distributories etc	Crop Cultivation	Available for farming	Nil	Every Community
Grazing Land			Non-Cultivated	Lush green 44.5ha	Govt. Land	Plants, Herbs	Rodents, insects	Villagers	Nil	Animal grazing	NA	Nil	Every Community

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

**Format-9: Waterscape**

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub-type	Features and Approx. area	Ownership	General flora	Genreal fauna	Major Uses	User group	Management practices	General uses	Assocaited TK	Other details	Community accessed
Canals	Khuls	Irrgational khuls	Govt./ Panchayat	Crop like fruits, vegetables and flowers	Frog, tadpole	Irrigation	Locals	De-silting, timely repairs	Irrigation	Na	Na	General public of Panchayat
Nallah	Nallah	From glacier or spring	Govt./ Panchayat	Crop like fruits, vegetables and flowers	Frog, tadpole	Irrigation, drinking water, daily use	Locals	Nallah-bunding, Check-dams etc	Irrigation	Na	Na	General public of Panchayat
River	Stream	Fresh water	Govt./ panchayat	Bryophytes, ferns	Amphibians, Snow trout	Drinking water, irrigation, daily use etc.	Locals	Check-Dams, Strengthening of river banks	Drinking, HH activities, irrigation	Na	Na	General public of Panchayat





**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	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	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	
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	
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	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebco	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit		Own Use	
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	
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries & Locally raised	July-Aug	Fruit		Own use	

**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 cold and cough	Roots	To relive cough and cold	Extract	
Herb	Lahsun	<i>Allium sativum</i>	Local	Temperate	Cultivated	Available	Available	Medicinal use to heal wounds	Whole plant	Used for wounds	As such	
Herb	Pudina	<i>Mentha spicata</i>	Local/wild	Temperate	Cultivated/ naturally grown	Available	Available	To cure infection	Leaf	Cure infection		
Herb	Tamatar	<i>Solanum lycopersicum</i>	Local	Temperate	Cultivated	Available	Available	To reduce heart diseases, kidney stones and gall bladder stones	Fruit	Cure heart and stone diseases	Fruit	
Herb	Dhaniya	<i>Coriandrum sativum</i>	Local	Temperate	Cultivated	Available	Available	Used for loss of appetite, tooth aches	Seeds	Cure pain	Seeds	

**Format 13: Ornamental Plants/ Trees/Climbers etc.**

1	2	3	4	5	6	7	8	9	10
Plant Type	Local name	Scientific name	Variety	Source of plant/seeds	Commercial/ non-commercial	Uses	Associated TK	Other details	Community/ Know. holder
	Teevand	<i>Viburnum grandifolium</i>	Forest	Tempearte	Non commercial				
	Tilpushu	<i>Digitalis purpurea</i>	Forest	Tempearte	Non commercial				
	Lavender	<i>Lavandula angustifolia</i>	Forest	Tempearte	Commercial				

**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	
Tree	Banj	<i>Quercus incana</i>	Temperate	Plenty	Plenty	Wild	Firewood		Unknown	
Tree	Apricot	<i>Prunus armeniaca</i>	Temperate	Least	Plenty	Wild, home	Furniture, firewood		Unknown	
Tree	Peach	<i>Prunus persica</i>	temperate	Least	Plenty	Wild, home	Firewood		Unknown	
Tree	Kharsoo	<i>Quercus semicarpifolia</i>	Temperate	Plenty	Plenty	Wild	Firewood		unknown	
Tree	Khau	<i>Olea cuspidata</i>	Temperate	Plenty	Least	Wild	Firewood		unknown	
Tree	Keth	<i>Pyrus pashia</i>	Temperate	Plenty	Least	Wild	Firewood		Unknown	

Format 15: Domesticated Animals												
1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local Status		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
Cattle	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
Cattle	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
Equine	Horse	<i>Equus caballus</i>	Local	Ht. < 9 hands	Backyard	Less No.	Very few	Pack Purpose	Nil	No	Pack	All
Equine												
Equine	Mule	-----	Local	Ht. < 9 hands	Backyard	Less No.	Inc. Pop.	Pack purpose	Nil	No	Load Carrying	All
Poultry	Desi murgi	<i>Gallus domesticus</i>	Local	Colored, Good meat	Backyard	Constant	Constant	Egg, meat	Nil	No	Egg, meat	All
Poultry	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
Sheep	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
Sheep	Bakri	<i>Capra hircus</i>	Local	Small /less weight	Flock rearing	Plenty	Rare	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
Goat	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/ Talao)	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	NA	Mehigirs & Deptt. Of fisheries
Cold Water	Desi Gad	<i>Schizothorax</i>	Indigenous	Elongated tube form with short snout barbules, lower lip folded	Snow fed stream	Plenty	Abundant	Food	Nil	No	NA	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	NA	In govt. farms, Pvt. Ponds	Food	Nil	Yes	NA	Mehigirs & Deptt. Of fisheries





**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	Least	Commercial, own use	Whole for different uses		Roofing, furniture etc	Gh Hassan
Tree	Kail	<i>Pinus wallichiana</i>	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Khalid hussain
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Sant Ram
Plant	Bankakri	<i>Podophyllum hexandrum</i>	Plant	Temperate	Available	Available	Commercial, own use	Fruit		It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer	
Herb	Banafsha	<i>Viola odorata</i>	Herb	Temperate	Available	Available	Commercial, own use	Flower		Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	



**Format 19: Wild Plant Species of Importance**

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Status
1	Akhroot	Juglans regia	wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol	
2	Bhang	Cannabis sativa	wild	Commercial extraction banned, given to animals to improve their health	
3	Wild Pomegranate	Punica grantum	wild	Used in making chutney	Extracted by farmers by along roadside of hilly areas of the district
4	GuchiMashroom	Morchella esculenta	wild	Dried and sold which fetches Rs.10000-15000 per Kg used in making pulao (cuisine), as aphrodisiac in medicine	
5	Kasrod	Diplazium	wild	Used as vegetable, collected by locals and sold	











**Format 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			
Lavender	<i>Lavandula angustifolia</i>	Forest	Temperate	Commercial			



**Format 26: Timber Plants**

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Other uses, if any	Associated Tk	Any other detail	Community knowledge holder
Deodar	<i>Cedrus deodara</i>	dense	Least	Roofing, furniture etc		Whole for different uses	
Kail	<i>Pinus wallichiana</i>	dense	Least dense	Roofing, furniture etc		Whole for different uses	
Chir	<i>Pinus roxburghii</i>	dense	Least dense	Roofing, furniture etc		Whole for different uses	





**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	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	Self-observed
Mammal	GhorBla	<i>Felis bengalensis</i>	Forest		All season	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Mamal	Jungle bili	<i>Felis Chaus</i>	Forest		Summer	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Shal	<i>Herpetesauropunctatus</i>	Forest		Summer	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Gidh	<i>Cains aureseus</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Fakal	<i>Vulpes vulpes</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Dink	<i>Martes foina</i>	Forest		Summer	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Rodent	Navel	<i>Lepus nigricollis</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Titar	<i>Frabcikuby sfrancolinus</i>	Forest		Not available	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Chakor	<i>Alectoris graeca</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Ghugi	<i>Strepto peliadecaocto</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Iel	<i>Gyps himayensis</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed

Bird	Khukhow	<i>Clamato rJacabinu</i>	Forest		Spring season	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	DhikCharak	<i>Picus cholorolophus</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Kova	<i>Corvus smacrorhynchos</i>	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Snake	Surf /sap	<i>Serpentes</i>	Forest /water		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Fishes	Machli	<i>Himaliyan trout</i>	Water		All time	Available	Available	No		Prohibited	Maintains forest ecosystem	Self-observed

## URBAN BIODIVERSITY

### Format 29: Flora

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

**Note:** Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat



**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.)

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

*End of Part II*