

## People Biodiversity Register (PBR): General Details

<b>Name of panchayat samiti-</b> Raj nagar lower
<b>Taluk:</b> Budhal
<b>District:</b> Rajouri
<b>State:</b> Jammu And Kashmir
<b>Geographical Area of the Panchayat Samiti:</b> Hilly
<b>Population under the Panchayat Samiti: Total</b> 8200
<b>Male</b> - 4300 <b>Female-</b> 3900
<b>Habitat and Topography:</b> Hilly
<b>Climate (Rainfall, Temperature and weather patterns)</b> Rainfall
<b>Land Use (Nine fold classification available with village records)</b>
<b>Date, Month and Year of PBR Preparation</b> 2020-21
<b>Management Regime:</b> Reserve Forest (RF)/Joint Forest Management(JFM)/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: Mohd Shabir

Age:-52

Gender:Male

Address:-Budhal

Area of specialization:

2) Name: Saida Akhtar

Age: 19

Gender:Female

Address:Raj Nagar lower

Area of specialization:Tailoring

3)Name:kulsum akhter

Age:32

Gender:female

Address:Raj Nagar lower

Area of specialization:Tailoring

4)Name:Aarti kumari

Age:32

Gender:Female

Address:Raj Nagar lower

Area of specialization:Tailoring

5)Name:GULSHAN AKHTER

Age:30

Gender:Female

Address:Raj Nagar lower

Area of specialization:Tailoring

6)Name:

Age:

Gender:

Address:

Area of specialization:

7)Name:

Age:

Gender:

Address:

Area of specialization:

## 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 :MOHD HUSSAIN
Age:65
GENDER: MALE
Address:Raj Nagar lower
Area of specialization:ayurveda,unani
Location from which the person accesses biological material: local/non local
Perception of the practitioner on the resource status:less local resources available
Medicinal Use:Rathli-used for stomach/digestive problems
2) Name:Somraj
Age:40
Gender:male
Address:Raj Nagar lower
Area of specialization:herb usage in medicine
Location from which the person accesses biological material: local/non local
Perception of the practitioner on the resource status:
Medicinal Use:local herbs
3) Name:Moht shabir
Age:50
Gender:Male
Address:Raj nagar lower
Area of specialization:ayurvedic medicine
Location from which the person accesses biological material: local/non local
Perception of the practitioner on the resource status:
Medicinal Use:herbs for medicine

### Annexure 3

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

1) Name :Mohd. Shabir

Age:50

Gender:male

Address:Raj nagar lower

Area of specialization:Agriculture

2) Name :Mohd riyaz

Age:52

Gender:Male

Address:Raj nagar lower

Area of specialization:Agriculture

3) Name of the Chairperson: Naseeb Singh

Age: 44

Gender: Male

Address: Raj nagar

Area of specialization: Forestry

4) Name of the Chairperson: Mohd. Mustaq

Age: 25

Gender: Male

Address: Raj nagar

Area of specialization: Farmer

## **Annexure 4**

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

1) Contact Person:

Name and Address: Govt. degree college (Budhal)

2) Contact Person: Naseeb Singh (8492840826)

Name and Address: Rajnagar

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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

## Annexure 5

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

<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>

*End of Part I*

**FORMAT-1: CROP PLANTS**

S.No	Crop	Scientific Name	Local Name	Variety	Land Scape / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK	Other Details
							Past	Present					
1	Rice	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Staple food	
2	Maize	<i>Zea mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Staple food	
3	Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Normal	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Staple food	
<b>Vegetables</b>													
1	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup
2	Onion	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber,Vitamin B6,C,Potashium and folic acid.	-
3	Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri,Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requirs cool weather, mostly rainfed conditions		Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high n energy value	Rabi
4	Peas	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions,Sub tropical/ Temprate		Normal	Normal	Medium dwarf plant with green well filled pods	Green pods are used as vegetable	-	High in fiber, protein, vitamins, phosphorus, magnesium, copper,	Rabi







**FORMAT-4 : WEEDS**

S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any	Management Options	Associated TK	Other details like exotic	Community / Knowledge holder
							Past	Present					
1	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Allelopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	Farmers
2	Barnyard grass	<i>Achynocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	nil	Local	Farmers
3	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers



**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
Dadote	Monthly	Sheep	5	Local	Local	None		
		Goat	2	Local	Local			

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
Hindus	Agriculture	Animal Husbandry	Hilly		Rotational Cropping		Brahmin	Poor		12
							SC	Poor		
Muslims	Agriculture	Animal Husbandry	Hilly		Rotational Cropping					
							Others	Poor		735
							ST	Poor		80
Sikhs	Agriculture	Animal Husbandry	Hilly		Rotational Cropping			Poor		0

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 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
Rivers	Streams			Submerged Plants	Frog							yes
Anas river		Bakori reasi		Floating	Fish			Nil	Animals			yes
Bowli	25-30 bowlis				Crabs			Nil	Drinking			yes
Handpumps								Nil				yes
Tubewell												yes
												yes
												yes
												yes

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

Format 10 : Soil Type

1	2	3	4	5	6	7	8
Soil Type	Colour & texture	Features	Soil Management	Plants/Crop suitable	Flora and Fauna	Associated Tk	Other Information
Clay	Brown & soft	Less Acidic	Normal	Oak	Kail		
Sandy	Grey & rough			Bankhori	Oak		
Black	Black & soft			Chikri	Kail		
				Kail	Safeda		
				Safeda	Beesa		
				Fir	Bear		
				Beesa	Jackel		
				Maize,wheat,Rice	Lepard		

















**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 uses	Part collected	Associated TK	Other Details	Community Know. Holder
					Past	Prsent					
Tree	Kail	<i>Pinus walichaina</i>		Forest		Good	Own use				Well
Tree	Fir	<i>Abies pindrow</i>		Forest		Good	Own use				
Tree	Oak	<i>Quercus incane</i>		Forest		Good	Own use				
Tree	Safeda	<i>Eucalyptus spp</i>		Forest		Average	Own use				
Tree	Mannu	<i>Ulmus walichaina</i>									
Tree	Chikri	<i>Buxus walichiana</i>		Forest		Good	Own use				
Tree	Kucch	<i>Viburnum grandifolia</i>		Forest		average	Own use				
Tree	Simblu	<i>Berberis lycium</i>		Forest		average	Own use				



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

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (As economic, social, cultural etc.)	Status
1	Kail	<i>Pinus walichiana</i>		Timber	
2	Fir	<i>Abies pindrow</i>			
3	Oak	<i>Quercus Incana</i>			
4	Toote	<i>Morus alba</i>			
5	Dhaman	<i>Grewia optiva</i>			
6	Phulwari	<i>Rosa ascularis</i>			
7	Chikri	<i>Buxus walichaina</i>			
8	Kucch	<i>Viburnum grandifolia</i>			
9	Simblo	<i>Berberis lycium</i>			

**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/ Know. Holder
					Past	Present				
Water cress	<i>Nasturtium officinale</i>		Leafy, Soft	Aquatic	Good	Good	Vegetable			Phari
green algae	<i>Volvox tertius</i>		Thallus Plant	Aquatic	Good	Good	Photosynthesis			Gujjar
Mint/padina	<i>Mentha arvensis</i>		Aromatic	Aquatic	Good	Good	Medicinal			Kashmiri
Wild Mint	<i>Mentha arvensis</i>		Aromatic	Aquatic	Good	Good	Medicinal			
Bach	<i>Acorus calamus</i>		Rhizome	Aquatic	Good	Good	Medicinal			
Frog	<i>Rana tigrina</i>		Brownish Small	Aquatic	Good	Good	Eco balance			
Fish	<i>Oncorhynchus mykiss</i>		Scally	Aquatic	Good	Good	food			
Leech	<i>Hirudo medicinalis</i>		Blood Sucker	Aquatic	Good	Good				
Water snake	<i>Nerodia sipedon</i>			Aquatic	Good	Good				
Crab	<i>Scylla serrata</i>		Tentacle	Aquatic	Good					

**Format 21 : Wild Aquatic Plant Species of Importance**

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Water cress	<i>Nasturtium officinale</i>		Feeding & fodder	
2	Green algae	<i>Volvox tertius</i>		Max. Photosynthesis	
4	Wild Mint	<i>Mentha arvensis</i>		Used in medicine	
5	Bach	<i>Acorus calamus</i>		Used in medicine	
6	Lichen			Air pollution indicator	
7					
8					
9					





















**Format 30: Fauna**

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)

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

**Format 31: Any other information of local importance**

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

*End of Part II*