

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti :** Bharakh

**Taluk:** Pouni

**District :** Reasi

**State:** J&K

**Geographical Area of the Panchayat Samiti:** 375 HECT

**Population under the Panchayat Samiti: Total :** 2671

**Male:** 1383                      **Female :** 1288

**Habitat and Topography:**

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

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

**Date, Month and Year of PBR Preparation:** 31/08/2020

**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:** Jaspal Singh

**Age:** 44

**Gender:** M

**Address:** Bharakh

**Area of specialization:**

**2) Name:** Karanjeet Kour

**Age:** 40

**Gender:** F

**Address:** Bharakh

**Area of specialization:**

**3)Name:** Kamaldeep Kour

**Age:** 38

**Gender:** F

**Address:** Bharakh

**Area of specialization:**

**4)Name:** Mohan Lal

**Age:** 48

**Gender:** M

**Address:** Bharakh

**Area of specialization:**

**5)Name:** Raj Singh

**Age:** 45

**Gender:** M

**Address:** Bharakh

**Area of specialization:**

**6)Name:** Roshan Din

**Age:** 60

**Gender:** M

**Address:** Bharakh

**Area of specialization:**

**7)Name:** Deepak Bangotra

**Age:** 27

**Gender:** M

**Address:** Bharakh

**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 : NIL

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: NIL

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: NIL

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

**Annexure 3**

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

**1) Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

**2) Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

**3) Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

**4) Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

**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:** NIL

**Name and Address:**

2) **Contact Person:** NIL

**Name and Address:**

3) **Contact Person:** NIL

**Name and Address:**

4) **Contact Person:** NIL

**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>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<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*

**Part II**  
**PBR – Formats**  
**AGROBIODIVERSITY**  
**Format 1: Crop Plants**

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
	<i>Orzya sativa</i>	Rice	Local			Available	Available			Own Use				
	<i>Triticum aestivum</i>	Wheat	Local			–	–			–				
	<i>Zea mays</i>	Maize	–			–	–			–				

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

**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						
	<i>Magnifera indica</i>	Mango	Local	Sub-Tropical	Available		Nuseries			Own use		
	<i>Malus</i>	Apple										
	<i>Punica granatum</i>	Anar										
	<i>Musa</i>	Banana										
	<i>Pyrus pashia</i>	Nakh										
	<i>Theobroma cacao</i>	Kokoa										
	<i>Syzygium cumini</i>	Jamun										
		Jumeeni										
		Jameer										
	<i>Citrus medica</i>	Kimb										
	<i>Citrus limetta</i>	Mosambi										
	<i>Ziziphus mauritiana</i>	Ber										
	<i>Aegle marmelos</i>	Bel										
	<i>Carica papaya</i>	Papita										
	<i>Psidium guajava</i>	Amrud										
	<i>Citrus X sinensis</i>	Orange										
	<i>Phoenix dactylifera</i>	Khajoor										

### 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 Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
	<i>Morus alba</i>	Toot		Available		Natural		Leaves		
	<i>Melia azedarach</i>	Draink								
	<i>Terminalia bellirica</i>	Bheda								
	<i>Phragmites australis.</i>	Reedh								
	<i>Macrotyloma uniflorum</i>	Kalyard								
	<i>Albizia lebbek</i>	Siris								
	<i>Quercus leucotrichophora</i>	Banj								
	<i>Ptyas mucosa</i>	Dhaman								
	<i>Lucenia spp.</i>	Lucenia								

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

**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					
		Panjphuli	All			Available		Nil	Nil			
	<i>Ornithogalum umbellatum</i>	White Flower Jardi	Wheat			Available						

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

**Format 5: Pests of Crops**

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
	Insect		Senk	Soil					
	Insect		Pangu Kutta						
			Rat						
Other details may include possible reasons for insects/animal attack									



**Format 7: Peoplescape**

1	2	3	4	5	6	7	8	9	10	11
<b>Community &amp; Population</b>	<b>Families &amp; Major occupation</b>	<b>Sub- occupation</b>	<b>Depending Landscape</b>	<b>Major resources accessed and seasons of access</b>	<b>Landscape management practices</b>	<b>Resource management practices</b>	<b>Cast / tribe</b>	<b>Social condition</b>	<b>Nature of inhabitants</b>	<b>No. of HHs</b>
Sikh										
Hindu										
Muslim										

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											
Dugwell					Private								
Agriculture 40%													
Forest 30%													
State Land 20%													
Fallow Land 10%													

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
<b>Waterscape element type</b>	<b>Sub- type</b>	<b>Features and approx area</b>	<b>Ownership</b>	<b>General flora</b>	<b>General fauna</b>	<b>Major uses</b>	<b>User groups</b>	<b>Management practices</b>	<b>General uses</b>	<b>Associated TK</b>	<b>Other details</b>	<b>Community accessed</b>
Ponds (2)												
Stream (3)												
Tubewell (2)												
Dugwell (10)												
PONDS												

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





**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	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
	Neem	<i>Azadirachta indica</i>						Own	Leaves			
	Amaltas	<i>Cassia fistula</i>							Leaves			
	Arjun	<i>Terminalia arjuna</i>							Leaves			
	Khair	<i>Senegalia catechu</i>							Leaves			
	Simbal	<i>Bombax ceiba</i>							Leaves			
	Giloe	<i>Tinospora cordifolia</i>							Whole			
	Aloevera	<i>Aloe vera</i>							Whole			
	Reedh	<i>Phragmites australis</i>							Fruit			
	Amla	<i>Phyllanthus emblica</i>							Fruit			
	Bheda	<i>Terminalia bellirica</i>							Fruit			
	Furly	<i>Datura stramonium</i>							Fruit			
	Babool	<i>Vachellia nilotica</i>							Fruit			

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)  
 Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal





### 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					
	Goat	<i>Capra aegagrus hircus</i>	Local			Available		Milk, Meat				
	Dog	<i>Canis lupus familiaris</i>	Hybrid/ Local			Available		Security				
	Cow	<i>Bos tarus</i>	Both			Available		Milk				
	Buffalo	<i>Bubalus</i>	Both			Available		Milk				
	Ox	<i>Bos tarus</i>	Both			Available		Agriculture Purpose Meat				
	Cock	<i>Gallus gallus domesticus</i>	Both			Available		Meat				
	Sheep	<i>Ovis aries</i>	Local			Available		Meat/ Wool				

Uses include milk, meat, skin, fur and etc

### 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					
	Common Fish											
	Crap (Salgat)											
	Groj											

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc







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

1	2	3	4	5	6
Sl. No.	Plant	Local Name	Scientific Name	Importance (as economic, social, cultural etc.)	Status
1		Ratti	<i>Abrus precatorius</i>		
2		Khair	<i>Senegalia catechu</i>		
3		Kiker	<i>Vachellia nilotica.</i>		
4		Parkanda	<i>Achyranthes aspera</i>		
5		Bael	<i>Aegle marmelos</i>		
6		Siris	<i>Albizia lebbbeck</i>		
7		Nad	<i>Arundo donax</i>		
8		Kuad Gandal	<i>Aloe barbadensis</i>		
9		Kathal	<i>Artocarpus heterophyllus</i>		
10		Chleri Saag	<i>Amaranthus dubius</i>		
11		Bamboo	<i>Bambusoideae</i>		
12		Kachnar	<i>Bauhinia variegata</i>		
13		Simbal	<i>Bombax cieba</i>		
14		Jungli Toot	<i>Morus alba</i>		
15		Plash	<i>Butea monosperma</i>		
16		Bhang	<i>Cannabis sativa</i>		
17		Kringal	<i>Cassia fistula</i>		
18		Aajan Grass	<i>Cenchrus ciliaris</i>		
19		Khas Khas	<i>Chrysopogon zizanioides</i>		
20		Amar Bel	<i>Cuscuta</i>		
21		Tali	<i>Dalbergia sissoo</i>		
22		Santha	<i>Dodonaea viscosa</i>		
23		Jojra	<i>Pupalia lappacea</i>		
24		Chameli	<i>Jasminum spp.</i>		
25		Toot	<i>Morus alba</i>		







	Bheda	<i>Terminalia bellirica</i>								
	Arjun	<i>Terminalia arjuna</i>								
	Giloe	<i>Tinospora cordifolia</i>								

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)  
Other details: Harvesting period /Perennial/annual/seasonal

**Format 23: Wild relatives of Crops**

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Chaleri Saag	<i>Amaranthus dubius</i>									
Jungli Putna	<i>Mentha specata</i>									

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant















**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.)

**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

<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>
1	Peer Baba Masjid	
2	Cure Skin Problems	
3	Old Mahal of King Bharakh	

*End of Part II*