

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:-** Bari ( 9797429539)

**Taluk:-** Kulwanta

**District:-** Udhampur

**State:-** UT J&K

**Geographical Area of the Panchayat Samiti:**

**Population under the Panchayat Samiti:** Total 2008

**Male:-**1022

**Female:-**986

**Habitat and Topography:-** Rural and Natural Type Habitat Max Covered under Forest winter, summer, rainy season

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

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

**Date, Month and Year of PBR Preparation:-**21-08-2020

**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 Panchayat, not less than one third to be women and not less than 18% belonging to SC/ST)**

**1) Name of the Chairperson:-** Sh Thakur Dass

**Age:-** 61yrs

**Gender:-** Male

**Address:** Bari

**Area of specialization:**

**2) Name:-** Parkash Singh

**Age:-** 45 yrs

**Gender:-** Male

**Address:** Bari

**Area of specialization:**

**3) Name:-** Dewan Chand

**Age:-** 61 yrs

**Gender:-** Male

**Address:** Bari

**Area of specialization:**

**4) Name:-** Suram Chand

**Age:** 58 yrs

**Gender:-** Male

**Address:** Bari

**Area of specialization:**

**5) Name:-** Darshna Devi

**Age:-** 60 yrs

**Gender:-** Female

**Address:** Bari

**Area of specialization:**

**6) Name:-** Kanta Devi

**Age:** 45 yrs

**Gender:-** Female

**Address:** Bari

**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 :**

**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:**

**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:**

**Annexure 3**

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

**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**

## 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*

**Part II**  
**PBR – Formats**  
**AGROBIODIVERSITY**

**Format 1: Crop Plants**

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Dhan	China	Lowland valleys		Normal	Normal	Tall variety High yield Resistant to drought, flood, pest & diseases	June-July	Food Fodder Roofing Fuel	Provides more energy	Life cycle 105-115 days	Agriculture department	Kurichiya Kuruma W. Chetty
Maize	<i>Zea mays</i>	Muck	Bio-seeds , Local yellow			Normal	Highly produced	Disease resistant , high yield	June-July	Food Fodder	Nutritional value	-	Agriculture department	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kank	2967			Normal	Plenty	Disease resistant	Oct-Nov	Food Fodder	Nutritional value	-	Agriculture department	Farmers/ Department

**Format 2: Fruit Plants**

1	2	3	4	5	6		7	8	9	10	11
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
					Past	Present					
Peach	<i>Prunus persica</i>	Addu	Wild	Agri. Land	Abundant	Plenty	Seeds/Plant	Mar-June	-	Fruits	Own use
Pear	<i>Pyrus communis</i>	Naakh	Wild	Agri. Land	Rare	Plenty	Plant	Aug-Nov	-	Fruits	Own use
Pear	<i>Pyrus Pyrofolia</i>	Naakh	Wild	Agri. Land	Plenty	Plenty	Plant	July-Sept		Fruits	Own use
Plum	<i>Prunus domestica</i>	Alo bukhara	Wild	Agri. Land	Plenty	Plenty	Plant	Oct-Nov	Mar-July	Fruits	Own use
Apricot	<i>Prunus armeniaca</i>	Khubani	Wild	Agri. Land	Plenty	Plenty	Plant	May-Aug	Mar-July	Fruits	Own use
Kainth	<i>Pirus serotina</i>	Kainth	Wild	Agri. Land	Plenty	Plenty	Plant		-	Fruits	Own use



Apple	<i>Malus domestica</i>	<i>Saib</i>	Wild	Agri. Land	Rare	Rare	Plant			Fruits	Own use
Walnut	Akhrote	<i>Juglans regia</i>	Local, Kagzi	Agri. Land	Rare	Rare	Plant	Mar-July	-		Own use/Market

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<b>Community / Knowledge holder</b>
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Local
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Local
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Local
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Local
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Local
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Local
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Local

**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					
Herb	<i>Zea mays</i>	Maize	Temperate areas	Available	Available	Seed	-	Whole plant	Fodder / Food	Local
Herb	<i>Triticum aestivum</i>	Wheat	Temperate areas	Available	Available	Seed	-	Whole plant	Fodder / Food	Local
Herb	<i>Quercus incana</i>	Banj	Temperate areas	Available	Available	Seed	-	Whole plant	Fodder / Food	Local
Herb	<i>Cynodon Spp</i>	Khabbal	Temperate areas	Available	Available	Seed	-	Whole plant	Fodder / Food	Local
Tree	<i>Grewia optiva</i>	Dhaman	Temperate areas	Available	Available	Seed	-	Whole plant	Fodder / Food	Local

**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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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



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Other details may include possible reasons for insects/animal attack

**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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

**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
<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>
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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**

<b>Format 8: Landscape</b>													
<b>1</b>			<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Major Landscapes</b>			<b>Sub - Landscapes</b>	<b>Features and approx. area</b>	<b>Ownership</b>	<b>General flora</b>	<b>General fauna</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>
<b>Agricultural land</b>	<b>Pond</b>	<b>Fallow land</b>											
Nil			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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>
More drila Pond			Local	Barian	Frog/ Small fish	Animal / Drinking						Local
Bankri Pond			Local	Barian	Frog/ Small fish	Animal / Drinking						Local
Sofer Nalla			Local	Barian	Frog/ Small fish	Animal / Drinking						Local

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



**Format 11: Fruit Trees**

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Peach	Aru	<i>Prunus persica</i>	Wild	Agri/ Wild	Plenty	Plenty	Plant Seed	Mar-June	Fruit	-	Own use	Local
Pear	Bagu Gosha	<i>Pyrus Communis</i>	Local	Agri/ Wild	Plenty	Plenty	Plant Seed	Aug-Nov	Fruit	-	Own use	Local
Pear	Bagu Gosha	<i>Pyrus Pyrifolia</i>	Local	Agri/ Wild	Normal	Normal	Plant Seed	July-Sept	Fruit	-	Own use	Local
Plum	Aalu bukhara	<i>Prunus domestica</i>	Local	Agri/ Wild	Normal	Normal	Plant Seed	Oct-Nov	Fruit	-	Own use	Local
Apricot	Khobani	<i>Prunus armenica</i>	Local	Agri/ Wild	Normal	Normal	Plant Seed	May-Aug	Fruit	-	Own use	Local

**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	Community/ Know.Holder s
						Past	Present					
Herbs	Brahmi Bhutti	<i>Centella asiatica</i>		Temperate	Plant root	Abundant	Abundant	Medicinal Purpose	Leaves	Nil	Own use	Local
Shrubs	Anardana	<i>Punica granatum</i>		Temperate	Seed	Rare	Rare	Edible	Fruit	Nil	Own use	Local
Fungi	Guchi	<i>Morchella esculenta</i>		Temperate	Plant	Normal	Normal	Edible	Whole Part	Nil	Own use	Local
Fungi	Shafria	<i>Agaricus spp</i>		Temperate	Plant	Normal	Normal	Edible	Whole Part	Nil	Own use	Local
	Aloe vera	<i>Aloe barbadensis</i>		Temperate	Plant	Normal	Normal	Medicinal Purpose	Whole Part	Nil	Own use	Local

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 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					
Trees	chir	<i>Pinus roxburhii</i>	Temperate	Abundant	Abundant	Wild	Own	Nil	Nil	Local
Trees	Banj	<i>Quercus Incana</i>	Temperate	Abundant	Abundant	Wild	Own	Nil	Nil	Local
Trees	Talli	<i>Dalbergia sissoo</i>	Sub-Tropical	Abundant	Abundant	Wild	own	nil	nil	Local



**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					
Mammals	Gou	<i>Bos taurus</i>	Local/Hybrid	High milk yielding	Domesticated	Available	Available	Milk	High nutritious	Nil	Nil	Local
Mammals	Manj	<i>Bubalus bubalis</i>	Local	Fat	Domesticated	Available	Available	Milk	High nutritious	Nil	Nil	Local
Mammals	Phed	<i>Ovis aries</i>	Size varies	Small/Large	Domesticated	Available	Available	Wool	High nutritious	Nil	Nil	Local
Mammals	Bakri	<i>Capra hircus</i>	Beetal	Meet and milk	Domesticated	Available	Available	Meat	High nutritious	Nil	Nil	Local
Mammals	Ghora	<i>Equus caballus</i>	Local/Hybrid	Carriage	Domesticated	Available	Available	Carriage	High nutritious	Nil	Nil	Local
Mammals	Ox	<i>bos taurus</i>	Local/Hybrid	Plouging	Domesticated	Available	Available	Plouging	High nutritious	Nil	Nil	Local
Mammals	Dog	<i>Canis Lupus</i>	Local/Hybrid	Pet	Domesticated	Available	Available	Guard	High nutritious	Nil	Nil	Local
Mammals	Cat	<i>Felis Catus</i>	Local	Pet	Domesticated	Available	Available	Nil	High nutritious	Nil	Nil	Local

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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
S.No.	Local Name	Scientific Name	Variety	Importance (as Economic, Social, Cultural etc.)	Status
1	Guchi	<i>Morchella esculanta</i>	Wild	Economic, Edible	Fungi collection - April- May
2	BrahmiBhutti	<i>Centella asiatica</i>	Wild	Medicinal	Herb available
3	Mushroom/ Shatri	<i>Agaricus bisporus</i>	Wild	Edible	Fungi
4	Kainth	<i>Pyrus paschia</i>	Wild	Economic	Available
5	Aloe vera	<i>Aloe barbadensis</i>	Wild	Medicinal	Available

### Format 20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present				
Bareyan	<i>Acorus calamus</i>	-	-	Moist land	Available	Available	Edible	N.A.	N.A.	Local
Algae	<i>Chlorophyta</i>	-	-	water	Available	Available	Edible	N.A.	N.A.	Local
Byrophytes	<i>Bryophytes sps</i>	-	Moist	moist	Available	Available	Edible	N.A.	N.A.	Local
Trout	<i>Schizothorax</i>	-	-	water	Available	Available	Edible	N.A.	N.A.	Local
Snail	<i>Gastropoda</i>	-	-	moist	Available	Available	Edible	N.A.	N.A.	Local
Leech	<i>Hirudinea</i>	-	-	water	Available	Available	Edible	N.A.	N.A.	Local
Crab	<i>Brachyura</i>	-	-	water	Available	Available				Local
Frog	<i>Anura</i>	-	-	water	Available	Available				Local

Other details may include mode of catching fish, time of availability, breeding time, etc





**Format 22: Wild Plants of Medicinal Importance**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Shrub	Bhang	<i>Canabis sativia</i>	Wild	Temperate	Available	Available	own	Cough	Leaves	nil	Local
Herb	Brahmi Bhutti	<i>Centella asiatica</i>	Wild	Temperate	Available	Available	Commercial	Posses medicinal properties	Leaves	Nil	Local

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 24: Ornamental Plants**

1	2	3	4	5	6	7	8
<b>Local Name</b>	<i>Scientific Name</i>	<b>Variety</b>	<b>Habitat</b>	<b>Commercial / Non-commercial Uses</b>	<b>Associated TK</b>	<b>Any other Detail</b>	<b>Community/ Knowledge Holder</b>
Hibiscus	Hibiscus Rosasinensis	Shrub	Northern/ Sub-Tropical	-	-	-	-
Thuja	<i>Thuja orientalis</i>	Shrub	Northern/ Sub-Tropical	-	-	-	-









**Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)**

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Wild Animal	Leopard	<i>Panthera pardus</i>	Temperate	-	All seasons	Available	Available	-	-	Banned	-	Local
Bird	Cova	<i>Corvus splendens</i>	Temperate	-	All seasons	Available	Available	-	-	Banned	-	Local
Bird	Parrot	<i>Psittaciformes</i>	Temperate	-	All seasons	Available	Available	-	-	Banned	-	Local
Wild Animal	Monkey	<i>Macaca mulatta</i>	Temperate		All seasons	Available	Available			Banned	-	Local
Mammals	Cat	<i>Felis Catus</i>	Temperate		All seasons	Available	Available			Banned	-	Local
Mammals	Indian Fox	<i>Vulpes bengalensis</i>	Temperate		All seasons	Available	Available			Banned	-	Local
Wild Animal	Jackal	<i>Canis aureus</i>	Temperate	-	All seasons	Available	Available	-	-	Banned	-	Local






### Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Leopard	<i>Panthera pardus</i>	Mammals	Terrestrial	Common
2	Parrot	<i>Psittaciformes</i>	Mammals	Terrestrial	Common
3	Pigeon	<i>Columbidae</i>	Bird	Every where	Rare
4	Sparow	Passer domesticus	Birds	Terrestrial	Common
5	Cova	<i>Corvus splendens</i>	Birds	Terrestrial	Common
6	Peafowl	Pacvo cristatus	Birds	Terrestrial	Rare
7	Spider	Araneae	Insects	Terrestrial	Rare
8	Butterfly	Rhopalocera	Insects	Terrestrial	Rare
9	Bee	Anthophila spp.	Insects	Terrestrial	Rare
10	Mosquito	Culicidae	Insects	Terrestrial	Rare
11	Lady bird	<i>Coccinella sp.</i>	Insects	Terrestrial	Rare
12	Fly	<i>Diptera</i>	Insects	Terrestrial	Rare

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

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