

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:** Cheani

**Taluk:** Majalta

**District:** Udhampur

**State:** J&K UT

**Geographical Area of the Panchayat Samiti:** 552.40 htz.

**Population under the Panchayat Samiti:** Total 2134

**Male:** 1134

**Female:** 1000

**Habitat and Topography:** Nil

**Climate (Rainfall, Temperature and weather patterns):** Weather Patterns

**Land Use (Nine fold classification available with village records)** Agriculture, Forerst, Domestic, Plantation Use.

**Date, Month and Year of PBR Preparation:** 17-08-2021

**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:** Karnail Singh S/o Ishwar Dass (Sarpanch)

**Age:** 55

**Gender:** Male

**Address:-** Cheani

**Area of specialization:** Wheat

**2) Name:** Sansar Singh S/o Abhay Singh

**Age:** 70

**Gender:** Male

**Address:-** Cheani

**Area of specialization:** Wheat

**3) Name:** Prem Chand S/o Rasilla

**Age:** 58

**Gender:** Male

**Address:-** Cheani

**Area of specialization:** Wheat

**4)Name:** Tara Chand S/o Manku

**Age:** 35

**Gender:** Male

**Address:-** Cheani

**Area of specialization:** Wheat

**5)Name:** Kalsho Devi W/o Hans Raj

**Age:** 45

**Gender:** Female

**Address:-** Cheani

**Area of specialization:** Wheat

**6)Name:** Neelam Devi W/o Gorkhi Ram

**Age:** 35

**Gender:** Female

**Address:-** Cheani

**Area of specialization:** Wheat

**7)Name:** Surinder Kumar

**Age:** 53

**Gender:** Male

**Address:** Thalora

**Area of specialization:** Gram Sevak

**Annexure-2**

**List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources within the jurisdiction of the village**

**1) Name :** Mansa Ram S/o Kirpu

**Age:** 80 years

**Gender:** Male

**Address:**

**Area of specialization:** Fanda

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

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

**Medicinal Use:**

**2) Name:** Joginder Singh S/o Masta

**Age:** 45 years

**Gender:** Male

**Address:**

**Area of specialization:** Bone Treatment

**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, 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:** Om Parkash

**Name and Address:** MS Banja, Da Nal

**2) Contact Person:** Shanti Devi

**Name and Address:** MS Cheani

**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**

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 shown (hectare)	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>	Muck	Improved Varieties only	Hilly	241.65	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kank	Improved Varieties only	Hilly	25	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department

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 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					
Sorghum	<i>Sorghum spp.</i>	Cherri	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
Bajra	<i>Pennisetum americanum</i>	Bajra	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers

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					
Dub Grass	<i>Cynodon - dactylon</i>	Dub Grass	Rabi/ Kharif		Hilly	Abundant	Abundant	Fooder	Mechanical, Chemical	-	Agri. & wasteLand	Farmers
Wild oats	<i>Avena fatua</i>	Jangli Javi	Oats		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers
Wild Rice	<i>Echinochloa colona</i>	Swanki	Paddy		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers

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




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
<b>Name of the market &amp; location</b>	<b>Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]</b>	<b>Types of animals bought and sold [2]</b>	<b>Types and Average Number of animals transacted in a day</b>	<b>Places from which animals are brought</b>	<b>Places to which the animals are sold / transported</b>	<b>Name and location of fish market</b>	<b>Types of fishes sold</b>	<b>Source of fish</b>
<b>NO ORGANISED MARKET</b>								

**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>
Gen	Business Agriculture	Labour								500
SC										
ST										
OBC										

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											
Planes & Hilly Area			Hilly	Hilly and Wellas	Forest Land, Private Land & State Land	Board Leaves Mainly	Domesstic Animals, Wild life such as Porcupine, Jackal Etc.	Public as well as Private and Govt. also	Nil	Plantation and Agriculture	Nil	Nil	Nil

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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 (5)	-		Forest Land & Private Land	Kamal Baryan	Frogs, Fishes, Tortoise, Snakes & Snails	Cattle, Washing Clothes, Irrigation on Drinking etc.	Public					
Bowlis - 16			Private Land		Frogs, Fishes, Tortoise, Snakes & Snails	Cattle, Washing Clothes, Irrigation on Drinking etc.	Public					

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



**Format 10: Soil type**

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil Management	Plants / Crop Suitable	Flora and Fauna	Associated TK	Other Information
Alluvial Sandy Soil	Fine & Coarsegrain	Rich in N, CA, FE, SI					
Hilly & Mountain Soil	Fine & Coarsegrain	Rich in N, CA, FE, SI					
Red Podzolic	Brown Red	Rich in CA, FE, SI					
Un Consolidated Boulder Soil	Corous Grains Rocky	Rich in FE, SI					

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.





**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					
Herbs	Jungli Putana	<i>Mentha</i>		Lower Shiwalik	Roots	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Brankad	<i>Adhatoda vasica</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Shurbs	Drainkdu	<i>Murraya koenigii</i>		Sub Tropical Area	Seeds	Rare	Rare	Nil	Leaves	NA	NA	Generally held by Community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves Fruits	NA	NA	Generally held by Community
Tree	Mango	<i>Mangifera indica</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Stem / Fuits	NA	NA	Generally held by Community
Tree	Khair	<i>Acacia catechu</i>		Lower Shiwalik	Seeds	Abundant	Abundant	Nil	Leaves and Stem	NA	NA	Generally held by Community





**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	Gaay	<i>Bosindicus</i>	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Nil	Ghee, curd,Butter, kaladi,cheese	Farmer
	Jersey	<i>Bos Tarus</i>	Jersey Hybrid	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd,Butter, kaladi,cheese	Farmer
	HF	<i>Bos Tarus</i>	Hforos	Humpless	Stallfed	Less	Large	drought milk	Milk good for brain	Yes	Ghee, curd,Butter, kaladi,cheese	Farmer
Buffalo	Bhains	<i>Bubblous</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Milk	Ploughing	No	Ploughing, carting	Farmer
		<i>Bubalis</i>										
Buffox	Saand	<i>Bubblous</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Ploughing	Ploughing	No	Ploughing, carting	Farmer
		<i>Bubalis</i>										
Goat	Bakri	<i>Capra Hercus</i>	Local/Hybrid	-	Domesticated	Available	Available	Milk, Meat	-	Yes	Meat, Milk,Hide	Farmer, Bakerwal,shepherd
Sheep	Bhed	<i>Ovisovis</i>	Local/Hybrid	-	Domesticated	Available	Available	Meat	-	Yes	Meat and wool	Farmer, Bakerwal,shepherd
Dog	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	Pet/Domesticated	Available	Available	Guarding	-	No	Guarding/security	Individual
Cat	Billi	<i>Felis Catus</i>	Local	-	Domesticated	Available	Available	Pest Control	-	No	-	-
Horse	Ghorda	<i>Equscabalus</i>	Local/Hybrid	-	Domesticated	Available	Available	Drought	-	-	Drought, racing	Individual horse owner

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					
<b>Panchayat Barta</b>												
Carp	Rohu	<i>Labeo rohita</i>	IMC's	Bony Fish	(Pond/Bheri/ Talao)	Carp culture was taken up after the year 2002.	Carp Culture is being taken up with the facilitation of the department.	Human Food Fish	Partial	Yes	Mode of Catching Fish:- Drag Netting , Cast Netting etc.,  Breeding Time:- Monsoon season and Common Carp also breeds during the month of March and April.  Fish Seed is procured from the differnet Farms of the Department.  Traditionally Feeding is done by mixing Mustard Oil Cake Rice Bran, Wheat Bran,Crushed Maize etc. But now a days formulated pelleted feed is also available.	Yes, Among Farming Community.
	Mrigal	<i>Cirrhinus mrigla</i>										
	Catla	<i>Catla catla</i>										
	Common Carp	<i>Cyprinus carpio</i>	Exotic Carps									
Grass Carp	<i>Ctenopharyngodon idella</i>											













**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					
Tree	Behra	<i>Terminalia Bellirica</i>	Tree	Northern Sub-Tropical	Good	Good	Nil	Medicinal	Bark		
Tree	Sukh Chain	<i>Pongamia pinnata</i>	Tree	Northern Sub-Tropical	Good	Good	Nil	Medicinal	Bark		

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 29: Flora				URBAN BIODIVERSITY		
1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Sree	<i>Albizia lebbek</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
2	Mango	<i>Mangifera indica</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
3	Fagada	<i>Ficus palmata</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
4	Flai	<i>Acacia nilotica</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
5	Jamun	<i>Syzzium cumini</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
6	Draink	<i>Melia azedarach</i>	Broad Leave	Sub-Tropical	Nov-Dec	Common
7	Simbal	<i>Bombyx ceiba</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
8	Bael	<i>Aegel marmelos</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common
9	Safeda	<i>Eucalyptus globulus</i>	Broad Leave	Sub-Tropical	Mar-Apr	Common
10	Bana	<i>Vitex negundu</i>	Broad Leave	Sub-Tropical	Feb-Mar	Common

**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	<i>Scientific Name</i>	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Leopard	<i>Panthera pardus</i>	Mammals	Terrestrial	Common
2	Fish	<i>Labeo rohita</i>	Amphibia	Aquatic	Common
3	Frog	<i>Anura</i>	Amphibia	Aquatic	Common
4	Billi	<i>Felis Bengalensis</i>	Mammals	Terrestrial	Common
5	Ged	<i>Canis aureus</i>	Mammals	Terrestrial	Common
6	Ged	<i>Vulpes bengalensis</i>	Mammals	Terrestrial	Common
7	Bandar	<i>Innuus rhesus</i>	Mammals	Arboreal/ Lives near habitation	Common
8	Khadkanu	<i>Lepus nigricollis</i>	Mammals	Terrestrial/ tropical	Common
9	Newla	<i>Herpestes edwarsi</i>	Mammals	Terrestrial, tropical and temperate	Common
10	Sae	<i>Hystrix indica</i>	Mammals	Grassland and mountain	Common
11	Chua	<i>Rattus rattus</i>	Mammals	Temperate, Terrestrial and tropical	Common
12	Chamgadad	<i>Chiroptera</i>	Mammals	Temperate, Terrestrial and tropical	Common
13	Cow	<i>Bos taurus</i>	Mammals	Domestic	Common
14	Buffalo	<i>Babalus bubalis</i>	Mammals	Domestic	Common
15	Goat	<i>Capra aegagrus</i>	Mammals	Domestic	Common
16	Sheep	<i>Ovis aries</i>	Mammals	Domestic	Common

17	Domestic Fowl	<i>Gallus gallus</i>	Mammals	Domestic	Common
18	Horse	<i>Equus caballus</i>	Mammals	Domestic	Common
19	Mule	<i>Equus asinus</i>	Mammals	Domestic	Common
20	Dog	<i>Canis lupus familiaris</i>	Mammals	Domestic	Common
21	Chakoor	<i>Alectoris chukar</i>	Birds	Domestic	Common
22	Kerli	<i>Hemidatylus frenatus</i>	Reptiles	Wild	Common
23	Khoo	<i>Varauns Bangalensis</i>	Reptiles	Wild	Common
24	Dhaleda	<i>Chamaeleo zeylanicus</i>	Reptiles	Wild	Common
25	Chiri	<i>Passer domesticus</i>	Birds	Temperate/Terrestrial	Common
26	Kaa	<i>Corvus brachyrhynchos</i>	Birds	Temperate/Terrestrial	Common
27	Totaa	<i>Psittacula krameri</i>	Birds	Terrestrial/Freshwater	Common
28	Ell	<i>Gyps bengalensis</i>	Birds	Temperate/Terrestrial	Common
29	Lundhi	<i>Haliaeetus leucocephalus</i>	Birds	Temperate	Common
30	Kabutar	<i>Columba livia</i>	Birds	Arboreal	Common
31	Mor	<i>Pavo cristatus</i>	Birds	Terrestrial, tropical and temperate	Common
32	Gatari	<i>Acridotheres tristis</i>	Birds	Terrestrial, tropical and temperate	Common
33	Bulbul	<i>Pycnonotus leucogenys</i>	Birds	Arboreal	Common
34	Tarkhan	<i>Melanerpes formicivorus</i>	Birds	Arboreal	Common
35	Kala Titar	<i>Melanoperdix niger</i>	Birds	Wild	Common
36	Babbler	<i>Turdoides striata</i>	Birds	Wild	Common
37	Barn swallow	<i>Hirundo rustica</i>	Birds	Terrestrial, tropical and temperate	Common
38	Pinja	<i>Terpsiphone Paradisi</i>	Birds	Wild	Common
39	Jook	<i>Hirudinea</i>	Amphibia	Wild	Common



40	Sarkeed	<i>Brachyura</i>	Amphibia	Aquatic	Common
41	Songla	<i>Periplaneta americana</i>	Insects	Near Habitation	Common
42	Passfail	<i>Coccinella septumpunctata</i>	Insects	Terrestrial/Temperate	Common
43	Trida	<i>Orthoptera caelifera</i>	Insects	Wild	Common
44	Timba	<i>Anisoptera</i>	Insects	Wild	Common
45	Blister beetle	<i>Mylabris pustulata</i>	Insects	Wild	Common
46	Gilhari	<i>Funabulus Palmarum</i>	Rodent	Wild	Common

**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**

<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*