

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti :-**Amroh

**Taluk:-** Tehsil Ramnagar

**District:-** Udhampur

**State:-** UT J&K

**Geographical Area of the Panchayat Samiti:**

**Population under the Panchayat Samiti:** Total 2130

**Male:-**1108

**Female:-**1022

**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:-**31-12-2020

**Management Regime:** Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(C

**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:-** Smt Kanta Devi

**Age:-** 48yrs

**Gender:-** Female

**Address:-** R/o Amroh

**Area of specialization:** Agriculture

**2) Name:-** Kesri Singh

**Age:-** 38 yrs

**Gender:-** Male

**Address:** R/o Amroh

**Area of specialization:-** Weaving of Blanket

**3) Name:-** Roshan Lal

**Age:-** 42 yrs

**Gender:-** Male

**Address:-** R/o Amroh

**Area of specialization:-** Agriculture

**4) Name:-** Mohan Lal

**Age:** 42 yrs

**Gender:-** Male

**Address:-** R/o Amroh

**Area of specialization:-** Construction works

**5) Name:-** Nisha Devi

**Age:-** 38 yrs

**Gender:-** Female

**Address:-** R/o Amroh

**Area of specialization:-** Farming

**6) Name:-** Sushma Devi

**Age:** 38 yrs

**Gender:-** Female

**Address:** R/o Amroh

**Area of specialization:-** Agriculture

**7) Name:-** Dharmu

**Age:-** 48

**Gender:-** Male

**Address:-** Amroh

**Area of specialization:-** Agriculture

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 : Dhani Ram

Age: 80

Gender: Male

Address: Amroh Ward No 3

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:

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:

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**

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	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>	China	Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Same June to Oct.	Food Fodder Roofing Fuel	Provides more energy	Suitable for “Valicha” cultivation	Agriculture department fair price shop	Kurichiya Kuruma W. Chetty
Rice	<i>Oryza sativa</i>	Dhan	543 (HV)/Chenna	Lowland valleys		Rare/Normal	Rare/Normal	Average Height	Jun-Jul	Food & Fooder	Provides more energy	Life cycle complete in 105-115 days	Agriculture	
Maize	<i>Zea mays</i>	Makia	Pioneer (Yellow)	Lowland valleys		Rare	Plenty		Jun-Jul	Food Fodder	Greater nutritional values	-	Agri, Local	Farmers/ Department

Wheat	<i>Triticum aestivum</i>	Kank	2967-PW-644	Lowland valleys		Rare	Plenty	High Yield	Oct-Nov	Food Fodder	Highly nutritional	Palnt high 101cm	Agri, Local	
Sarson	<i>Brassica compestris</i>	Tori	Desi	Lowland valleys		Rare	Rare	Oil yield	Oct-Nov	Oil			Local	

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					
Maize	<i>Zea mays</i>	Makki	Temprate & Sub-Tropical	Available	Available	Seed	-	Whole Plant	Use as Food & Fodder	Local
Wheat	<i>Triticum aestivum</i>	Kanak	Temprate & Sub-Tropical	Available	Available	Seed	-	Whole Plant	Use as Food & Fodder	Local
Quercus Tree	<i>Quercus incana</i>	Banj	Temprate & Sub-Tropical	Available	Available	Plant/Seed	-	Whole Plant	Use as Food & Fodder	Local
Khabbal Grass	<i>Cynodon dactylon</i>	Khabbal	Temprate & Sub-Tropical	Available	Available	Plant	-	Whole Plant	Use as Food & Fodder	Local
Dirn Grass		Dirn Grass	Temprate & Sub-Tropical	Available	Available	Plant	-	Whole Plant	Use as Food & Fodder	Local

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

<b>Format 4: Weeds</b>												
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					
Herb		Allan	Local Vegetation	Poisonoal for plants	Germinate in the field	Normal	Normal	-	-	-	-	Local

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
Maize/ Rice	Locust	<i>Hieroglyphus nigrorepletus</i>	Tidda	On land	Aug-Sep	Using pesticides	-	-	Good
Most Plants	Termids	<i>Microtermes obesi</i>	Sinik	On land	Throughtout the year	Using pesticides	-	-	Good
Wheat Maize	Rats	<i>Bandicota</i>	Chua	On land	Throughtout the year	Poison baiting	-	-	Good
Maize/ Wheat	Monkey	<i>Cercopithecidae</i>	Bandar	On land	Throughtout the year	Local (paradha)	-	-	Good
Maize	God	<i>Canis</i>	God	On land	Throughtout the year	-	-	-	Good

Other details may include possible reasons for insects/animal attack

<b>Format 6: Markets for Domesticated animals</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>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>
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)**

<b>Format 7: Peoplescape</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>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>

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

<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>											

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

<b>Format 9: Waterscape</b>												
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>
Dug well N/R Sagar Singh	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	
Mazzid pond	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	
Gnira Drabad (Pond)	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	
Pond N/R Mohan Singh	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	
Pond W No 6N/R Barf Chand	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	
Bahua Pond	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	



W No 6 (Pond) Kesri Singh	-	-	Local	Algae	Frog/ Toad	Drinking	Local	Management by Local	-	-	-	
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Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

**Format 10: Soil type**

<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>Soil Type</b>	<b>Color &amp; Texture</b>	<b>Features</b>	<b>Soil management</b>	<b>Plants / Crop suitable</b>	<b>Flora and Fauna</b>	<b>Associated TK</b>	<b>Other information</b>
Clay Lam Soil	Brown	Hight water Retaning	Addtion of Organic	Maize & wheat	maize, Wheat Crop	Addtion of F.Y.M	-
Clay Lam Soil	Redish	Less water	Addtion of Organic	Maize	maize, Wheat Crop	Addtion of F.Y.M	-



**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.Holders
						Past	Present					
Herbs	Brahmi Bhutti	<i>Centella asiatica</i>		Sub-tropical Temperate	Plant Root	Abundant	Abundant	Medicine	Leaves	Nil	Own Use	Local
Shrub	Anardana	<i>Punica granatum</i>		Temperate	seed	Rare	Rare	Edible	Fruit	Nil	Own Use	Local
Shrub	Bana	<i>Viola odorata</i>	Wild	Sub-tropical Temperate	Seed	Normal	Normal	Tooth brush	Leaves/ Branches	Nil	Own Use	Local
	Somali		Wild	Temperate	-			Medicine		Nil	Own Use	Local
Fungi	Guchi	<i>Morchella esculenta</i>	Wild	Temperate	Plant	Normal	Normal	Edible	Whole Plant	Nil	Own Use	Local
Fungi	Mushroom	<i>Agaricus bisporus</i>	Wild	Temperate	Plant	Normal	Normal	Edible	Whole Plant	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 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
Shrubs	Rose	<i>Hibiscus rosa-sinensis</i>	-	Plant/seeds	Non-Commercial	Ornamental	Used in fever	Flower	Local
Shrubs	More Pankh	<i>Thuja orientalis</i>	-	seeds	Non-Commercial	Ornamental			Local







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Uses include milk, meat, skin, fur and etc





<b>Format 16: Culture Fisheries</b>												
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					

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



**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 use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Northern/Sub-Tropical	Abundant	Abundant	Commercial/ own use	Timber/ Firewood		-	-
Tree	Banj	<i>Quercus incana</i>	Tree	Temperate	Abundant	Abundant		Leaf/ Branches			
Tree	Sisson	<i>Dalbergia sisoo</i>	Tree	Northern/ Sub-Tropical	Abundant	Abundant	Commercial/ own use	Whole Plant		-	-
Shrub	Rose	<i>Hibiscus</i>	Shrubs	Sub-Tropical	Abundant	Abundant	Commercial/ own use	Flower		-	-
Tree	Cambel	<i>Lannea coromandelica</i>	Tree	Sub-Tropical	Rare	Rare	Commercial/ own use			-	-
Tree	Safeda	<i>Eucalyptus</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ 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	Gucchi	<i>Morchella esculanta</i>	Wild	economic/ Edible	Fungi collection
2	Brahmi Bhutti	<i>Centella asiatica</i>	Wild	Medicinal	Herb, Available
3	Mushroom	<i>Agaricus sps</i>	Wild	Edible	Fungi, Available
4	Kainth	<i>Pyrus pashia</i>	Wild	Economic	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				
Baian	<i>Acorus calances</i>			Moist Land	Available	Available				Locals
Dela				Moist Land	Available	Available				Locals
Alga	<i>Chlorophs sps</i>			Water	Available	Available				Locals
Bryophys (Fish)	<i>Bryophytos</i>			Mosit	Available	Available				Locals

Trout	<i>Schizotharax</i>			Water	Available	Available				Locals
Ladava	<i>Gastropoda</i>	Snail		Moist Land	Available	Available				Locals
Jutee	<i>Hirudinea</i>	Leech		Water	Available	Available				Locals
Kankda	<i>Brachyura</i>	Crab		Water	Available	Available				Locals



**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					
Herb	Bhang	<i>Cannabis sativa</i>	Wild	Temperate area	Available	Available		Cough	Leaves		Local
Herb	Brahmi Bhutti	<i>Centella asiatica</i>	Wild	Temperate area	Available	Available		Brain tonic	Leaves		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
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Rose	<i>Hibiscus rosa-sinensis</i>		Tempate	-	-	-	Local
Thuja	<i>Thuja orientalis</i>		Tempate	-	-	-	Local













**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 any)	(if Other details	Community/ Knowledge Holder
						Past	Present					
Crow	Kawa	<i>Corvus corax</i>	Temprate	-	All Season	Available	Available	-	-	Banned	-	Local
Parrot	Tota	<i>Melopsittacus undulatus</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-
Monkey	Bandar	<i>Macaca fascicularis</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-
Cat	Billi	<i>Felis catus</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-
Gry francolin	Titar	<i>Ortygornis pondicerianus)</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-
Hen	Murga	<i>Gallus gallus domesticus</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-
House Sparrow	Chidia	<i>Passer domesticus</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-
Leopard	Cheeta	<i>Panthera pardus</i>	Temprate	-	All Season	Available	Available	-	-	-	-	-










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

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