

## Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Mahra B :- Mrs. Zabina Akhter

Taluk/Tehsil: Buffleaz

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the Panchayat Samiti:

Population Of the Panchayat samiti...Total 5000

Male= 3000 Female = 2000

Habitat and Topography: Hilly area

Climate (Rainfall, Temperature and other weather patterns): Maximum Rainfall, cold temp. Snow Fall

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

Date, Month and Year of PBR preparation: 12 Aug. 2021

## 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: Zabina Akhter

Age: 32 years

Gender: Female

Address:- R/o Mahara, Village Dohangi Gahi, W. No.- 2

Area of specialization:

2) Name: Nustrat Bi

Age: 30

Gender: Female

Address: Same as above

Area of specialization

3)Name: Said Akbar

Age:75

Gender: Male

Address: W. No. 3 Naghu Bani

Area of specialization:

4)Name: Mohd. Taj

Age: 45

Gender:male

Address: w. No. 1. Chaeka

Area of specialization:

5)Name:
Age:
Gender:
Address:
Area of specialization:
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 : Muneer Hussain (TK) S/O Alam Din

Age: 60 year

GENDER: Male

Address: W. No. 2 - Village - Dhongi Ghai

Area of specialization:

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:

### ANNEXURE 3

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

1) Name : Abdul Qayum

Age: 53

Gender: Male

Address: W. No. 2

Area of specialization: Agriculture

2) Name : Babu Khan

Age: 57

Gender: Male

Address: W. No. 2

Area of specialization: Forestry

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

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**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:

**ANNEXURE 5**

<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>



**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							
Maize	<i>Zea Mays</i>	Makh	Bio-9621, K-6129, K-65, GG, star -9, 4794,DD , 7314 - Two types	Hilly, Temperate & intermediate areas of district- Snow Fall	24000 Hac.	Local varieties	Improved varieties: Crop Production Low	1.March to April sown	Kharif	1. Major food item	Staple food	-	Farmers kept seed, Deptt. of Agri, Private seed dealer- only private seed dealer.	Generally aged farmer or rural communities
								2.Local variety dentles		2. Feeding to poultry and cattle				
								3.Corn and flour sweet in taste		3 .Used as flour				
Garlic	<i>Allium sativum</i>	Thoom	Yamuna Safed(G-1,G-50,G-282), German White	Hilly, Temperate & intermediate ar. of distt.	50 hac.	Local varieties	Improved varieties	1.Disease resistance variety	Rabi	As a spice	-	-	Seed selected from previous yr. crop,	Local faming communities
								2. 5-8 cloves						
								3. Rich and spicy in flavour						
Rajma	<i>Phaseolus Vulgaris</i>				30 hac	Abundant				As vegetable				

Clarak	Pisum Sativum				15 hac	Abundant				As vegetable				
Gungulo	Brassica Rapa				18 hac	Common								

**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						
	Juglans Regia	Akhrot	local		Rare	Improved Variety	Private Dealer	April-May		Medical Use		
	Malus Domestica	Saib	Local	Wetland	Rare	Rare		April-May		Fruit		
	Pronus Chorata							April-May		Fruit		
	Prunus Persica	Aroo						April-May		Fruit		

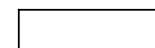
**Format-3 Fodder Crops and Species**

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
1	Zea Mays	Makki	Sub - Trop	Past	Present	Seed		W.P		
2	Aesculus Indica	Ban khor	Sub - Trop	Improved	Improved	Seed		Leaves		
3	Quercus oblongata	Rein	Sub - Trop	Improved	Improved	Plant		Leaves		



**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	Cut-worm	Agrotis	Nela Kera	sub-tropical	Kharif				
Fruits Vegetables	Monkey	Macaca Mulatta	Bander	sub-tropical	April- May				



**Format 6: Markets for Domesticated animals**

<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>

**Format 7: Peoplescape**

<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>
5000- All majority Muslims	Farmers		Agriculture	Agriculture						



**Format-8 Landscape**

<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>											
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land		Agricultural Land are Privately owned	Fodder and Crop Plants	Insects,Snakes, Dogs,Fox,Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Non-Cultivated Land	Not Applicable	Not Applicable	Non-Cultivated Land		Govt./Private	Wild plants and Fodder Plants	Insects,Snakes, Dogs, Fox, Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Forest Land	Not Applicable	Not Applicable	Forest Land		Government	Wild plants	Wild animals, wild Chicken, fox, Jackel, Insects etc- Kosla Khyre	Nil	Nil	Nil		Nil	Low-Income community



**Format-10 Soil Type**

<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>Associate TK</b>	<b>Other Information</b>
Sandy and clay soil	Clayey loam, sandy loam, Black Soil	Fine Granular, Dub- Angular Blocky Structure having pH 7.8-8.3, Water Holding capacity more than 40%	Use of Organic matter		Akhrot, Said, Chorata, dogs, Monkeys	-	-

**Format-11 Fruit Trees**

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						
1	Khore	Juglans regia	Local	Sub -Tropical	Rare	Improved						
2	Nakh	Pyrus Spp.	Local	Sub -Tropical	Rare	Improved						
3	Khobani	Prunus Armenica	Local	Sub -Tropical	Rare	Improved						

**Format-12 Medicinal Plants (Herb, Shrubs, Trees etc.)**

PBR ID	Plant type	Local name	Scientific name	Variety	Landscape / habitat	Source of plant/seeds	Local status past	Local status present	Uses	Part used	Associated TK	Other details	Community
	Shrubs	Bhang	Canabis sativia			Seed	Abundant	Abundant	Medicinal use	Leaves	N.A	N.A	Generally, held by community
	Trees	Bair	<i>Ziziphus xylocarpa</i>			Seed	Rare	Rare	Medicinal use	Fruit,Leaves	N.A	N.A	Generally, held by community
	Herb	Sap. Miak	Arisaema tortuosum			Seed	Abundant	Abundant	Medicinal use	W.P			
	Herb	Ghucchi	Morchella Vulgaris			Seed	Abundant	Abundant	Medicinal use	W.P			
	Herb	Chleri	Amaranthus Spinosus			Seed	Abundant	Abundant	Medicinal use	Leaves			
	Herb	Ghanar	Amaranthus Viridis			Seed	Abundant	Abundant	Medicinal use	Leaves			
	Trees	Bankhori	Aesculus Indica			Seed	Abundant	Abundant	Medicinal use	Leaves			
	Trees	Kainath	Pyrus Pashia			Seed	Abundant	Abundant	Medicinal use	Fruit			
	Shrubs	Simbul	berbiens liyam			Seed	Abundant	Abundant	Medicinal use	Bark, Leaves			

**Format 13: Ornamental Plants/ Trees/Climbers etc.**

<b>Plant Type</b>	<b>Local Name</b>	<b>Scientific Name</b>	<b>Variety</b>	<b>Source of plant/seeds</b>	<b>Commercial/ non- commercial</b>	<b>Uses</b>	<b>Associated TK</b>	<b>Other details</b>	<b>Community/ Know. holder</b>
1	Phalwari	Ficus Palmata	Local	Cutting	Non-Common				

**Format-14 Timber Plants/Trees**

<b>PBR ID</b>	<b>Plant type</b>	<b>Scientific name</b>	<b>Local name</b>	<b>Habitat</b>	<b>Local status past</b>	<b>Local status present</b>	<b>Wild</b>	<b>Other uses</b>	<b>Associated TK</b>	<b>Other details</b>	<b>Community</b>
	Trees	<i>Pinus roxburghii</i>	Chir	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
	Trees	<i>Quercus incana</i>	Oak	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
	Trees	Salix Alba	Besa		Abundant						
	Trees	Eucalptus	Safeda		Abundant			As use wood for fire			
	Shrubs	Viburnum Grandiflorum	Kucch		Abundant						
	Trees	Buxus Wallichiana	Chiuri		Abundant						

**Format-15 Domesticated Animals**

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					
	Manj	Bubalus Bubalis	Local		Shed	Abundant	Abundant	Mutton & Milk				
	Ghaye	Bos Taurus	Local		Loose Housing System Cow Shed	Abundant	Abundant	Mutton & Milk				
	Bakari	Capra Aegagrus Hircus	Local		Loose Housing System Cow Shed	Abundant	Abundant	Mutton & Milk				
	Paead	Ovis Aries	Local		Loose Housing System Cow Shed	Abundant	Abundant	Mutton & Milk				
	Ghora	Equus Caballus	Local		Loose Housing System Cow Shed	Abundant	Abundant	Transportation of material				
	Billi	Felis Cactus	Local		Loose Housing System Cow Shed	Abundant	Abundant					
	Kuta	Canis Lupus	Local		Loose Housing System Cow Shed	Abundant	Abundant					







**Format-18 Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.**

<b>PBR ID</b>	<b>Plant type</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Habit</b>	<b>Habitat</b>	<b>Local status past</b>	<b>Local status present</b>	<b>Commercial/own use</b>	<b>Parts collected</b>	<b>Associated TK</b>	<b>Other details</b>	<b>Community</b>
	Trees	<i>Ziziphus xylocarpa</i>	Bair	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
	Trees	<i>Grewia optiva</i>	Dhaman	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
	Trees	<i>Melia azedarach</i>	Drankh	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
	Trees	<i>Ficus palmata</i>	Fagwara	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
	Trees	<i>Psidium Guajava</i>	Guvava	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	posses medicinal properties	nil	Generally, held by community
	Trees	<i>Pyrus paschia</i>	Kainth	Trees	Sub-Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
	Trees	<i>Acacia Nilotica</i>	Kiker	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
	Trees	<i>Eucalyptus spp.</i>	Safeda	Trees	Sub-Tropical	Rare	Rare	own	Stem	nil	nil	Generally, held by community
	Trees	<i>Morus alba</i>	Tooth	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
		<i>Punica granatum</i>	Anardana	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
	Shurbs	<i>Adha toda vesica</i>	brankad	Shurbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community

	Shurbs	<i>Ipomea fistulosa</i>	Akk	Shurbs	Sub-Tropical	Abundant	Abundant	own		nil	nil	Generally, held by community
	Shurbs	<i>Euphorbia royleana</i>	Thor/Shuu	Shurbs	Sub-Tropical	Rare	Rare	own	Stem	nil	nil	Generally, held by community
	Shurbs	<i>Canabis sativia</i>	Bhang	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
	Herbs	<i>Mentha arvensis</i>	Jungli putna	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
	Herbs	<i>Viola odorata</i>	Banfsha	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
	Grass	<i>Cyanodon dactylon</i>	Drub/Khabbal	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
								own	Leaves/Stem	nil	nil	Generally, held by community

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

<b>S. No.</b>	<b>PBR ID</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Variety</b>	<b>Importance (as economic, social, cultural etc.)</b>	<b>Status</b>	<b>Image</b>
1		<i>Juglans regia</i>	Akhroot	Wild	Economic, social		
2		<i>Cannabis sativa</i>	Bhang	Wild	Economic, social		



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

<b>S. No.</b>	<b>PBR ID</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Variety</b>	<b>Importance</b>	<b>Trends</b>	<b>Image</b>
1		Polypodiophyta	Kandoor	Local		Common	
2		Phytoplankton	Local Name	Local		Common	

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

<b>S. No.</b>	<b>PBR ID</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Plant (Herb, Shrub, Tree)</b>	<b>Variety</b>	<b>Uses</b>	<b>Part use</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community / Knowledge Holder</b>
1		<i>Viola</i>	Banafsha	Herb	Herb	Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower			
2		<i>Berberis lyceum</i>	Simlu	Shrub	Shrub	It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots			



**Format-23 Wild Relatives of Crops**

<b>S. No.</b>	<b>PBR ID</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Associated crop</b>	<b>Landscape/Habitant</b>	<b>Local Status Past</b>	<b>Local Status Present</b>	<b>Uses</b>	<b>Part Used</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community / Knowledge Holder</b>
1		<i>Aesculus indica</i>	Ban khori	Akhrot	Scattered	Available	Available		Fruit / leaves			
2		<i>Mentha arvensis</i>	Jungli putna	Putna	Along the Nalla's	Rare	Rare	Medicinal use	Laef	Medicinal Properties		Generally, held by community

**Format-24 Ornamental Plants**

<b>S. No.</b>	<b>PBR ID</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Variety</b>	<b>Landscape/ Habitant</b>	<b>Commercial / Non-commercial</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community / Knowledge Holder</b>
1		<i>Nerium oleander</i>	Gandera		Near the nalla's	Non-Commercial	N.A	N.A	

**Format-25 Fumigate/Chewing Plants**

<b>S. No.</b>	<b>PBR ID</b>	<b>Local Name</b>	<b>Scientific name</b>	<b>Plant (Herb, Shrub, Tree)</b>	<b>Variety</b>	<b>Habitant</b>	<b>Local status past</b>	<b>Local status present</b>	<b>Uses</b>	<b>Part use</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community / Knowledge Holder</b>
1		Kiker	<i>Acacia Nilotica</i>	Tree	-	Forest	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community
2		Bisa	Salix Alba	Tree		Forest	Common	Common	Stem used for teeth cleaning				

**Format-26 Timber Plants**

<b>S. No.</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Habitant</b>	<b>Local status past</b>	<b>Local status present</b>	<b>Uses</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community / Knowledge Holder</b>
1	<i>Pinus wallichiana</i>	Kail	Temperate	Dense	Least dense	Roofing, furniture etc.	Whole for different uses		
2	<i>Abies pindrow</i>	Fir	Temperate	Dense	More dense	Roofing, furniture etc.	Whole for different uses		





**NAME OF THE PANCHAYAT: Dandi Dhara, Block Surankote, District Poonch**

<b>S.No.</b>	<b>PBR ID</b>	<b>Scientific name</b>	<b>Local Name</b>	<b>Animal type</b>	<b>Habitant</b>	<b>Local Status Past</b>	<b>Local Status Present</b>	<b>Parts Collected, if any</b>	<b>Commercial Use, if any</b>	<b>Associated TK</b>	<b>Other Details</b>	<b>Community / Knowledge Holder</b>
1		<i>Ursus thibetanus</i>	Black bear	Mammal		Available	Available		Prohibited		Maintains forest ecosystem	
2		<i>Panther pardus</i>	Leopard	Mammal		Available	Available		Prohibited		Maintains forest ecosystem	
3		<i>Corvus splendens</i>	House crow	Bird		Available	Available		Prohibited		Maintains forest ecosystem	
4		<i>Eudynamys scolopaceas</i>	Koel	Bird		Available	Available		Prohibited		Maintains forest ecosystem	

**NAME OF THE PANCHAYAT: \_Dandi Dhara, Block Surankote, District Poonch**

<b>Sr. No.</b>	<b>Local Name</b>	<b>Scientific Name</b>	<b>Type of Plants</b>	<b>Habitat</b>	<b>Flowering Season</b>	<b>Remarks (Rare / Common etc.)</b>



**NAME OF THE PANCHAYAT: \_Dandi Dhara, Block Surankote, District Poonch**

<b>Sr. No.</b>	<b>Local Name</b>	<b>Scientific Name</b>	<b>Type of Animals (Mammals / Birds / Fish / Insect etc.)</b>	<b>Habitat</b>	<b>Remarks (Rare / Common etc.)</b>

**NAME OF THE PANCHAYAT: Dandi Dhara, Block Surankote, District Poonch**

<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>