

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

Name of the Panchayat Samiti: Ari Mardan Shah

Taluk/Tehsil: Mendhar

District:Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti: 507 hect. (approx)

Population Of the Panchayat samiti...Total 1412

Male= 2088

Female = 1412

Habitat and Topography: Moderate mountaneous

Climate (Rainfall, Temperature and other weather patterns): Moderate

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

Date, Month and Year of PBR preparation: 08-01-2021

## Annexure 1

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)

Name: Zahoor Iqbal S/o Mohd. Younis ( 9596687603)

( 7889648849)

Signature

Name: Zahoor Iqbal S/o Shah Mohd. ( 7051925568)

Committee member

Name: Doloo Khan ( 9797325975)

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Committee member

S/o Rehmatalah ( 9622266243)

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Committee member

S/o Ali Joo

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S/o Bashi Ram

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## 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 : Javid Ahmed Mir S/o Mohd. Shabir Mir

Age: 35 years

GENDER: Male

Address: Ari

Area of specialization: Health care, Snake Bite care

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: Sap-ni-mak ( A herb colour of the stem resemble with snake. Its roots are (tuber) used on the wounds of snake bite)

### Annexure 3

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

1) Name : Mohd. Safer S/o Shah Mohd.

Age: 47 years

Gender: Male

Address: Ari

Area of specialization: Agriculture

2) Name : Fareed Khan S/o Doloo Khan

Age: 50

Gender:

Address:

Area of specialization: Fisheries

3) Name of the Chairperson: Mushtaq Ahmed S/o Rehmattulah

Age: 46 years

Gender: Male

Address: Ari

Area of specialization: Knowledge about fisheries

4) Name of the Chairperson: Karamat Hussain

Age: 60 years

Gender: Male

Address: Ari

Area of specialization: Knowledge about forestry

## 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: Middle School - Govt. M/s Ari

2) Contact Person:

Name and Address: Primary School - Govt. P/s Ari

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>

**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							
Paddy	<i>Oryza sativa</i>	dhan Munji		Hilly	126 Hac	Adundant			Kharief	Cereals + Fodder			Agriculture Dept.	
wheat	<i>Triticum aestivum</i>	kanak							Kharief	Cereals				
maize	<i>Zea mays</i>	makk,kukri challi,buhtta,jobar							Rabi	Cereals				



**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						
		Aaru			Abundant			June-July				
		Pear			Abundant			May-June				
		Nakh			Past			June				
		Kainth			Present			August				
		Banana			Abundant			April-May				

**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					
		Barseem	Sub-tropical	Abundant	Abundant	Agriculture Deptt.		Stem		
		Kandyal	Hilly terrain					Stem+ Straw		
		Charri	Terraced					Seed + straw		
		Millets	Fields					Seed + straw		



**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
			Grass hopper		June-July				
			Root borer		June				
			Koon		Nov-Dec				
		<i>M. Obesi</i>	Termite		All seasons				

**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	Nil

**Format 7: Peoplescape**

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
	Farming	Shop keeper								
	Employees	Agri								
	Labourer	Agri								
	Artisan	Ahmed Waqar								
	Animals Husbandary									
	River	Gravel	Sand							

### 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	User	Management practices	General uses	Associated TK	Other	Community accessed
Agricultural land	Pond	Fallow Land					fauna	groups				details	
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land	4000 Kanals	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	3000 Knal	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	1000 knal	Government	Wild plants	Wild animals, wild Chicken, fox, Jackel, Insects etc	Nil	Nil	Nil		Nil	Low-Income community

Forest land 1000 Kanal

Total 1300 Kanal

Occupied by forest - 500 kanal

Occupied by Dairy Farming - 800 Kanal





**Format-10 Soil Type**

1	2	3	4	5	6	7	8
<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,	Fine Granular, Dub-Angular Blocky Structure having pH 7.8-8.3, Water Holding capacity more than 40%	Use of Organic matter	Maize, Wheat , Rice	Biodiversity	-	-

**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						
Tree	Amrud	<i>Psidium guajava</i>	wild		Abundant	Abundant	Locally raised	Summer	Fruits		Locals	
Tree	Nakh	<i>Pyrus communis</i>	wild		Abundant	Abundant	Nurseries	June-July	Fruits			
Trees	Kainth	<i>Pyrus paschia</i>	wild		Abundant	Abundant		August	Fruits			
Tree	Dandelion	<i>Taraxacum officinale</i>	wild		Abundant	Abundant		August	Fruits			
	Hari		wild		Abundant	Abundant		May	Fruits			
	Dakh		wild		Abundant	Abundant		July	Fruits			

**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					
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>	Wild	Hilly	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	N.A	N.A	Generally, held by community
Shrubs	Anardana	<i>Punica granatum</i>	Wild	Hilly	Seed	Rare	Rare	Edible	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativia</i>	Wild	Hilly	Seed	Abundant	Abundant	Medicinal use	Leaves	N.A	N.A	Generally, held by community



**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	Drankh	<i>Melia azedarach</i>		Rare	Rare					
Trees	Tunu	<i>Toona Ciliata</i>			Abundant					
	Mannu	<i>Ulmus walichaina</i>			Abundant					
	Kiker	<i>Acacia nilotica</i>			Abundant					









**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					
Trees	Dhaman	<i>Grewia optiva</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
Trees	Drankh	<i>Melia azedarach</i>	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Fagwara	<i>Ficus palmata</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Kainth	<i>Pyrus paschia</i>	Trees	Sub-Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kiker	<i>Acacia Nilotica</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Trees	Safeda	<i>Eucalyptus spp.</i>	Trees	Sub-Tropical	Rare	Abundant	own	Stem	nil	nil	Generally, held by community
Trees	Tooth	<i>Morus alba</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Popular	<i>Populus ciliata</i>	Trees	Lower shiwalik	Abundant	Abundant	own	Leaves/Stem	nil	nil	Generally, held by community

Shurbs	Trimuru	<i>Zantho Xylum Aurmatum</i>	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shurbs	Bhang	Canabis sativia	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Jungli putna	Mentha arvensis	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Drub/Khabbal	Cyanodon dactylon	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Kai/Kaana	Saccharum spontaneum	Grass	Sub-Tropical			own	Stem	nil	nil	Generally, held by community
							own	Leaves/Stem	nil	nil	Generally, held by community

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

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Bhang	<i>Cannabis sativa</i>	Wild	Economic, social	
2	Wild anaar	<i>Punica granatum</i>	Wild	Economic, social	

**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 Detail	Community/ knowledge Holders
					Past	Present				
Luss	Schizothorax spp.		elongated subcylindrical body with short blunt upper jaw , herbivorous		Rare	Common				
Sona Machhli	Barillius sp.	Local	omnivorous body very long and much compressed sides irregularly marked with numerous incomplete oblique spots		Common	Rare				

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

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
	Phulwari	Rosa acicularis	Local		Common
	Simlu	<i>Berberis lyceum</i>	Local		Common









**Format-25 Fumigate/Chewing Plants**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Shrub	Trimuru	<i>Zanthoxylum</i>		Forest	Rare	Rare	use for teeth Cleaning/ Medicinal Purpose	Fruit, Branches	-	-	Generally, held by community
		<i>aurmatum</i>									
Shrub	Bana	<i>Vitex negundo</i>	-	Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community











**Format 29: Flora**

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Kiker	<i>Acacia nilotica</i>	Tree	Sub-tropical	Apr-May	Common
2	Besa	<i>Salix Alba</i>	Tree	Forest	May- Aug	Common
3	Toot	<i>Morus alba</i>	Shrubs	Forest	April- May	Common
4	Mannu	<i>Ulmus walichaina</i>	Tree			
5	Draink	<i>Melia azedarach</i>	Tree			
6	Tunu	<i>Toona Ciliata</i>	Tree			
8	Wild Khubani	<i>Prunus armeniaca</i>	Tree			

**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	Jackal	<i>Canis aureus</i>	Mammals	Forest	Common
2	Mongoose	<i>Herpestes urpunctatus</i>	Mammals	Forest	Common
3	Squirrel	<i>Sciuridae</i>	Mammals	Forest	Common
4	House Crow	<i>Corvus splendens</i>	Birds	Forest	Common
5	Rabbit	<i>Oryctolagus cuniculus</i>	Mammals	Forest	Common
6	Leopard	<i>Panthera pardus</i>	Mammals	Forest	Common
7	Manj	Bubalus bubalis	Mammals	Forest	Common
8	Asian Koel	<i>Eudynamis scolopacea</i>	Birds	Forest	Common
9	Cat	Felis catus	Mammals	Forest	Common
10	Dog	Canis lupus	Mammals	Forest	Common
11	Pig	<i>Sus scrofa</i>	Mammals	Forest	Common
12	House Sparrow	<i>Passer domesticus</i>	Birds	Roofs of the house	Common
13	Dove	<i>Columbidae</i>	Birds	Tree	Common
14	Egrot	Bubulcus Ibis	Birds	Tree	Common
					Common



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

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