

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Behramgalla Mrs. Nusrat Begum

Taluk/Tehsil: Bufliaz

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the Panchayat Samiti:

Population Of the Panchayat samiti...Total 2500

Male= 1500

Female = 1000

Habitat and Topography: Hilly area

Climate (Rainfall, Temperature and other weather patterns): Cold temperature Maximum Rainfall , Snow fall etc

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

Date, Month and Year of PBR preparation: 11 - 09-2021

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: Mr. Sharqat Ali (Gen)

Age: 41 years

Gender: Male

Address:- Ward. No. 2

Area of specialization: Agriculture & Forestry

2) Name: Sanam Akhter

Age: 32 years

Gender: Female

Address: Ward no. 2

Area of specialization: Forestry

3) Name: Rahmat Begum

Age: 30 years

Gender: Female

Address: Ward no. 3

Area of specialization: Nil

4)Name: Bagh Hussain

Age: 58 years

Gender:male

Address: Ward no. 7'

Area of specialization:

5)Name: Barkat Hussain

Age: 65 years

Gender: Male

Address: Ward no. 7'

Area of specialization:

6)Name: Mohd. Bashir

Age: 60 years

Gender: Male

Address: Ward no. 5

Area of specialization:

7)Name: Karnal Hussain

Age: 23 years

Gender: Male

Address: Ward no. 3

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 : Mr. Mohd. Hussain

Age: 65 years

GENDER: Male

Address: Ward no. 5

Area of specialization: Forestry

Location from which the person accesses biological material: local/non local - Local

Perception of the practitioner on the resource status: less local resources available

Medicinal Use: Snake bites, Rhesus, Weakness

ANNEXURE 3

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

1) Name : Mr. Talib Hussain

Age: 70 years

Gender: Male

Address: Ward no. 3

Area of specialization: Agriculture & Forestry

2) Name : Mr. Tariq Hussain

Age: 40 years

Gender: Male

Address: Ward no. 3

Area of specialization: Agriculture

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:

ANNEXURE 5

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

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	Hilly, Temperate & intermediate areas of district	3000 HD	Local varieties	Common	1.March to April sown	Kharif	1. Major food item	Staple food	-	Farmers kept seed, Deptt. of Agri, 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								
Cabbage	<i>Brassica Oleracea var. Capitata</i>															
Tomato	<i>Solanum lycopersicum</i>	tamatar								Food & Salad	Resistant to TLCV Antioxidant source of Vitmin C	Suitable of Plain & Mid Hills				
Mustard	<i>Brassica Juneea</i>	Sarsoon								Edible Oil	-	-				
Potato	<i>Solanum tubersum</i>	Aloo								vegetable & Chips	Rich in starch	-				

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						
Tree	<i>Punica granatum</i>	Daduni	Local	Sub-tropical to mid hill	Rare	Rare	Nurseries , locally raised , Wild	June-July	Medical use	Fruit & Medical use	Market use	Generally aged knowledge holder
Tree	Pyrus Spp.	Nashpati/nakh	Local	Sub-tropical to mid hill	Common	Common	Nurseries , locally raised , Wild					
Tree	Malus domestica	Saeb	Local	Temperate	Rare	Common	Nurseries , locally raised , Wild	Aug-Oct				
Tree	Juglans regia	Akhrot	Local	Mid hills	Common	Common	Nurseries , locally raised , Wild					
Tree	Prunus armeniaca	Khoobani	Local	Temperate	Common	Common	Nurseries , locally raised , Wild	June-July				
Plant	<i>Ficus carica</i>	Fakhwari	Wild	Temperate	Common	Common	Nurseries , locally raised , Wild	March to July	Introduced by traders and domesticated locally.			
Tree	Pyrus pyrifolia	Dandale		Sub-tropical to mid hill	Rare	Rare	Nurseries , locally raised , Wild					
Plant	Pyrus domestica	Plum		Sub-tropical to mid hill	Common	Common	Nurseries , locally raised , Wild					

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
				Past	Present					
Herb	<i>Oryza sativum</i>	Kharb	Sub-tropical / Temperate	Common	Common	Agri Deptt.	Nutritious & palatable fodder	Whole part	Suitable for fodder	Farmers
Tree	<i>Salix alba</i>	Besa	Sub-tropical / Temperate	Common	Common	Agri Deptt.	Nutritious & palatable fodder	Whole part	Suitable for fodder	Farmers
Herb	<i>Sorghum Spp.</i>	Charry	Sub-tropical / Temperate	Common	Common	Agri Deptt.	Nutritious & palatable fodder	Whole part	Suitable for fodder	Farmers
Herb	<i>Allium Cepa</i>	Pyaz	Low land	Common	Common	Locally raised from previous one	as spices	Whole part	Species	Knowledge holder
Herb	<i>Allium Sativum</i>	Thoom	Low land	Common	Common	Locally raised from previous one	as spices	Whole part	Species	Knowledge holder
Herb	<i>Cynodon Spp</i>	Bermuda grass	Low land	Common	Common	Naturally	Suitable for fodder	Whole part	Fodder	Knowledge holder
Herb	<i>Cynodondacylon</i>	Ghass	Low land	Common	Common	Naturally	Suitable for fodder	Whole part	Fodder	Knowledge holder
Herb	<i>Aesculus indica</i>	Ban khor	Low land	Common	Common	Naturally	Suitable for fodder	Whole part	Cow/ Buffalo	Knowledge holder

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					
Shrubs	<i>Fraxinus excelsior</i>		Maize, wheat	Whole crops	Sub-tropical	Rare	Rare		Manual control		Local	Farmers
Shrubs	<i>Aristea ecklonii</i>	Nela kida	Maize, vines, grasses	Whole crops	Sub-tropical	Common	Common		There is no option for controlling		Local	Farmers
Shrubs	<i>Echinochloa colona</i>	Ghass	Maize, vines, grasses		Sub-tropical	Common	Common		There is no option for controlling		Local	Farmers
Shrubs	<i>Ageratum conyzoides</i>	Khanda	Maize	Maize	Sub-tropical	Common	Common		There is no option for controlling		Local	Farmers
Shrubs	Canabis sativum	Bhang	Maize	Maize	Sub-tropical	Common	Common		There is no option for controlling		Local	Farmers
Shrubs	Parthenium hysterophorus	Congress Grass	All crops	All crops	Sub-tropical	Common	Common		There is no option for controlling		Abnoxious weed difficult to manage	Farmers

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	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Vegetables	Cabbage cooper	Trichopusa	Nela kida	Sub Tropical	When vegetables grown & ripens	Chemical control		Feed on crop leaves	Farmers
Vegetables	Army worms	<i>Spodoptera frugi perda</i>	Blate	Sub Tropical	Cause hole on vegetable leaves	Chemical control			Farmers
Vegetables	Ear worm	<i>Helicoverpa</i>	Chhota kida	Sub Tropical	Cause hole on vegetable leaves	Chemical control	Leaf damager	Ear worm causes holes on a foilage	Farmers
Vegetables	Horn worms	<i>Manduca sexta</i>	Singhi viola	Sub Tropical	Cause hole on vegetable leaves	Chemical control			Farmers
Vegetables	Green vegetables bugs	Chimaria hilarus	Nela kida	Sub Tropical	Cause hole on vegetable leaves	Chemical control			Farmers
Vegetables	Snails	<i>Cornu aspersum</i>	Belate	Sub Tropical	Cause hole on vegetable leaves	Chemical control			Farmers
All crops	Monkey	Macaca Mulatta	Bander	Sub Tropical	Ripens of crops	Chemical control			Farmers

Format-8 Landscape

Format-8 Landscape													
1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Feature s 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											
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	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	Nil	Nil	Nil		Nil	Low-Income community

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						
Herb	Anaar	<i>Punica granatum</i>	Local	Sub-tropical	Rare	Rare	Nurseries / Agri. Deptt	June-July	Medical + Fruit	Medical	Own use	Knowledge holder
Plant	Dandel	<i>Pyrus pyrifolia</i>	Local	Sub-tropical	Common	Common	Nurseries / Agri. Deptt	June-July	Medical + Fruit	Medical	Own use	Knowledge holder
Plant	Plum	<i>Prunus domestica</i>	Local	Sub-tropical	Common	Common	Nurseries / Agri. Deptt	-	-	-	-	-

Format-12 Medicinal Plants (Herb, 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>	Local	Sub-tropical	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	N.A	N.A	Generally, held by community
Shrubs	Anardana	<i>Punica granatum</i>	Local	Sub-tropical	Seed	Rare	Rare	Edible	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativia</i>	Local	Sub-tropical	Seed	Abundant	Abundant	Medicinal use	Leaves	N.A	N.A	Generally, held by community
Trees	Bair	<i>Ziziphus xylocarpa</i>	Local	Sub-tropical	Seed	Rare	Rare	Medicinal use	Fruit,Leaves	N.A	N.A	Generally, held by community
Trees	Kucch	<i>Viburnum Grandiflorum</i>	Local	Forest	Naturally occurring	Common	Common	Medicinal use	Forests	Used stem for cleaning teeth		

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 roxburghii</i>	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
Trees	Oak	<i>Quercus incana</i>	Sub-tropical	Rare	Common		Roofing, furniture etc.	nil	nil	

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					
Mammal	Manj	<i>Bubales bubalis</i>	Local	Long horn	Shed	Rare	Common	Milk, Mutton				Farmers
Mammal	Gaiya	Bos Taurus	Local	Long tail flatted body	Cow Shed	Common	Common	Milk				Farmers
Mammal	Bhead	<i>Orisaries</i>	Local	Small tail & long horn	Shed	Common	Common	Wool, Milk, Mutton				Farmers

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	Bair	<i>Ziziphus xylocarpa</i>	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	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
Shurbs	Trimuru	<i>Zantho Xylum Aurmatum</i>	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shurbs	Bhang	<i>Canabis sativia</i>	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Drub/Khabbal	<i>Cyanodon dactylon</i>	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	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	Akhroot	<i>Juglans regia</i>	Wild	Economic, social	
2	Bhang	<i>Cannabis sativa</i>	Wild	Economic, social	
3	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 details	Community/ Knowledge Holder
					Past	Present				
Jook	<i>Schizothorax spp.</i>		elongated subcylindrical body with short		Common	Common		Nil		
			blunt upper jaw , herbivorous							
Machi	<i>Barillius sp.</i>		omnivorous body very long and much		Common	Rare	As food	Rich in protein		
			compressed sides irregularly marked with							
			numerous incomplete oblique spots							

Format-21 Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Khore	Juglans regia	Wild	Economic, Social	Common
2	Bhang	Canabis sativa	Wild	Medical purpose	Common

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	Patrees	<i>Aconitum heterophyllum</i>	Herb					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Roots		
Herb	Banafsha	<i>Viola</i>	Herb					Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		
Herb	Kuth	<i>Soussurea lappa</i>	Herb					Used in treatment of cough, asthma & fever.	Root		
Climber	Dioscorea	<i>Dioscorea deltoidea</i>	Climber					The tubers yield diosgenin, which is used to synthesize sex hormones.	Tuber		
Shrub	Simlu	<i>Berberis lyceum</i>	Shrub					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots		

Format-23 Wild Relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Ban khori	<i>Aesculus indica</i>	Akhrot	Scattered	Available	Available		Fruit / leaves			
Jungli putna	<i>Mentha arvensis</i>	Putna	Along the Nalla's	Rare	Rare	Medicinal use	Laef	Medicinal Properties		Generally, held by community

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
Gandera	<i>Nerium oleander</i>	Local	Near the nalla's	Non-Commercial	N.A		
Gulab	<i>Rosa indica</i>	Local	Near the home	Commercial	Medical use		Knowledge holder

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>	Local	Forest	Rare	Rare	use for teeth Cleaning/ Medicinal Purpose	Fruit, Branches	-	-	Generally, held by community
		<i>aurmatum</i>									
Shrub	brankad	<i>Adha toda vesica</i>	Local	Locally present	Rare	Rare	Medicinal purpose	Flower	-	-	Generally, held by community
Shrub	Bana	<i>Vitex negundo</i>	Local	Locally present	Common	Common	use for teeth Cleaning	Branches	-	-	Generally, held by community
Tree	Kiker	<i>Acacia Nilotica</i>	Local	Forest	Common	Common	use for teeth Cleaning	Branches	-	-	Generally, held by community

Format-26 Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Kail	<i>Pinus wallichiana</i>	Temperate	Dense	Least dense	Roofing, furniture etc.	Whole for different uses		
Fir	<i>Abies pindrow</i>	Temperate	Dense	Least dense	Roofing, furniture etc.	Whole for different uses		
Spruce	<i>Picea smithiana</i>	Temperate	Dense	Least dense	Roofing, furniture etc.	Whole for different uses		

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					
Mammal	Black bear	<i>Ursus thibetanus</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Mammal	Porcupine	<i>Hystrix indica</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Mammal	Leopard	<i>Panther pardus</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	House crow	<i>Corvus splendens</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	Koel	<i>Eudynamys scolopaceas</i>				Available	Available		Prohibited		Maintains forest ecosystem	

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.)
Nil	Nil	Nil	Nil	Nil	Nil	Nil

Format-30 : Fauna.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Type of Animals (Mammals/ Birds/ Fish/ Insect etc.)	Habitat	Remarks (Rare/ Common etc.)
Nil	Nil	Nil	Nil	Nil	Nil

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

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