

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: SALWAH LOWER

Taluk/Tehsil: Mendhar

District:Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti...Total 3000

Male= 1600 Female = 1400

Habitat and Topography: Hilly & Slopy

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

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

Date, Month and Year of PBR preparation: 28-08-2021

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: Afthar Ahmed

Ward no. 1

(T)

Ward no. 9

)

Ward no. 6





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 : Nil

Age:

GENDER:

Address:

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 : Mohd. Shafi

Age: 45 years

Gender: Male

Address: Sawah lower, Ward no. 9

Area of specialization: Agriculture

2) Name :

Age: 50

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:

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

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

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	Local	Slopy & Sub-tropical	250 Ha	Rare	Rare	Medium height resistant	May - Nov	Food / Fodder	Staple food			
maize	<i>Zea mays</i>	makk,kukri challi,buhtta,jobar	Local	Hilly & Slopy	300 Ha	Common	Common	Resist drought & lodging						
Beans	<i>Phaseolus vulgaris</i>	Rajmash	Local	Hilly & Slopy	100 ha	Common	Common	Medium yielding						
Tomato	<i>Solanum lycopersicum</i>	Tamater	Local	Subtropical	50 Ha	Common	Common				Rich in aschoric acid			

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>Prunus salicina</i>	Aalu bukhara	Local	Mid Hills	Rare	Common	Locally raised	July - aug		Fruits	Marketing , own use	
Tree	<i>Punica granatum</i>	Anar	Local	Sub - tropicals	Rare	Rare	Nurseries	May- Aug		Fruits	own use	
Tree	<i>Prunus armeniaca</i>	Khubani	Local	Mid Hills	Common	Common	Nurseries	June- July		Fruits	Own use, marketing	
Tree	<i>Juglans regia</i>	Khore	Local	Mid Hills	Common	Common	Nurseries	June- July		Dry fruits	Own use , marketing	

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					
1	<i>Phalaris minor</i>	Sitti	Wheat	All ellopathy efficient	Sub-tropical intermediate	Rare	Common		Chemical/ Mechanical	Sources of H.Quality Protein		
	<i>Echinochloa colona</i>	Swankh	Rice/maize									
3	Canabis sativia	Bhang	Maize/Veb. Rice							Intoxication cause dehydration		

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	Monkey		Bander	Forest	July - Aug	Mechanical control	-	-	-
Maize	Cut-worm	Agrotis	Makki da kera	sub-tropical	Kharif	Chemical control		Feed on crops	
Wheat, Maize, Rice, veg	Rat	<i>Tatera indica</i>	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control			

Format-8 Landscape

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		Agricultural Land are Privately owned	Fodder and Crop 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-9 Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Nallas		Originates from the foothills of Mountains	Govt. and Panchayat	Frog, Tadpoles, Fishes, Water, Water Snakes, Crabs etc	Wild and Aquatic Plants	Irrigation	Farmers		For Irrigation and Drinking of Domesticated animals and Wild Animals	Nil	Nil	Local Villagers
Bowlis & Nara originates from S. Lower			Govt	Loos, frogs	Phytoplanktons	Drinking			For irrigation			

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	Associate TK	Other Information
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	-	-	-
Black soil	Black & Soft	-	-	Maize, Wheat & rice	Oak, Kiker, Besa & Monkey, Cat, Dogs, Buffaloes		

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>	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

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	Rare		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					
	Manj	Bubalus bubalis	Kangani		Shed	Rare	Common	Milk/Mutton				
	Gaiya	Bos Taurus	Local		Cow Shed	Rare	Common	Milk				
	Bakari	Capra Aegagrus	Local		Conventional	Common	Rare	Mutton				
	Baeda	Ovis Arise	Local		Conventional	Common	Common	Wool				

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					
Trees	Bair	<i>Ziziphus xylocarpa</i>	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
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	Amrood	<i>Psidium Guajava</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	posses medicinal properties	nil	Generally, held by community
Trees	Kanthe	<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

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				
Jook	Schizothorax spp.		elongated subcylindrical body with short blunt upper jaw , herbovorous		Common	Common				
Machi	Barillius sp.		omnivorous body very long and much compressed sides irregularly marked with numerous incomplete oblique spots		Rare	Rare				

Format-22 Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	<i>Scientific Name</i>	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Shrub	Simlu	<i>Berberis lyceum</i>		Shrub				It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots		
Herb	Banafsha	<i>Viola</i>		Herb				Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		

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	Aesculus indica	Akhrot	Scattered	Available	Available		Fruit / leaves			
Jungli putna	Mentha arvensis	Putna	Along the Nalla's	Rare	Rare	Medicinal use	Laef	Medicinal Properties		Generally, held by community

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

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				
Chir	<i>Pinus roxburghii</i>		Rare	Rare	Roofing, furniture etc.	Whole for different uses		
Rein	<i>Quercus incana</i>		Moderate	Moderate	Roofing, furniture etc.	Whole for different uses		

Format - 28. Wild Animals (Mammals, Birds, Reptiles, Amphibians, 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					
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

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Simlu	<i>Berberis lyceum</i>	Shrub	Mist Land	April - May	Common
2	Bair	<i>Ziziphus xylocarpa</i>	Tree	Dry land	-	Rare
3	Kiker	<i>Acacia Nilotica</i>	Tree	-	-	Common
4	Ban Khor	<i>Aesculus indica</i>	Tree	-	-	Rare
5	Safeda	<i>Eucalyptus spp.</i>	Tree	-	-	Rare
6	Rein	<i>Quercus oblongata</i>	Tree	-	-	Common
7						

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.)
	Goat	<i>Capra Aegagrus</i>	Mammals	Forest	Common
	House Crow	<i>Corvov splendens</i>	Birds	Forest	Common
	Jackal	<i>Canis aureus</i>	Mammals	Forest	Common
	Leopard	<i>Panthera padus</i>	Mammals	Forest	Rare
	Manj	Bubalus bubalis	Mammals	Local	Common
	Asian Koel	<i>Eudynamys scolopaceus</i>	Birds	Forest	Common

Format 31: Any other information of local importance

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