

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Loran Lower B

Taluk/Tehsil: Loran

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the panchayt Samiti:

Population Of the Panchayat samiti... Total 3200

Male= 1800

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: 16-09-2021

Annexure 1

University Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local women and not less than 18% belonging to SC/ST)

Chairperson: Mr. Haji Bashir Ahmed Naik

Member: Agriculture

Member: Water



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 of the Chairperson:

Age:

GENDER:

Address:

Area of specialization:

2) Name:

Medicinal Use:

4) Name:

Annexure 3

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

1) Name of the Chairperson: Mr. Mohd Saleem

Age: 72 years

Gender: Male

Address: Loran lower B (Area of Spcl. - Agriculture & Forestry)

2) Name:

Age: 50

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name:

Age:

Gender:

Address:

Area of specialization:

5) Name:

Annexure 4

etails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

Name of the Chairperson:

Contact Person:

Name and Address:

Contact Person:

Name and Address:

Name:

Contact Person:

Name and Address:

You may add names of more institutions/NGO/Individuals etc, if necessary

Name:

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
Nil	Nil	Nil	Nil	Nil	Nil

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>	Chawal	Local Giza-343	Mid hills and hilly areas of district	4000 hac	Rare	Rare	1.Non shattering character	Kharif	1 .Major food item	Staple food	-	Farmers kept seed/Deptt. of Agriculture	Generally aged farmer or rural communities
								2.Highly resistant to hailstorm		2 .Feeding to poultry and cattle				
								3.Moderately resistant to blast						
								4.Late in maturity and has short bold grains						
								5.High yielding variety						
Maize	<i>Zea Mays</i>	Makh	Local DD 7314, Bio , 962	Sub-tropical to Intermediate	30000 hac	Common	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				
										4. Straw used as dry fodder				
Wheat	<i>Triticum</i>	Karak Para	HD 2067	Hilly areas	15000 hac	Common	Common	1.HYV	Baki	1. Grains used as food	Staple food		Seed selected from previous	Local faming
								2. Resistant to pest		2.Straw used as dry fodder				

wheat	<i>astivum</i>	Kanak- Kate	FD -2907	Hilly areas	1000 hac.	Common	Common	3. susceptible to all kind of rust	Kaori	3.Pre mature crop used as fodder	Staple food	-	yr. crop, deptt. of agri.	communities
								4. Drought resistant						
Garlic	<i>Allium sativum</i>	Thoom - Abundant	Yamuna Safed(G-1,G-50,G-282), German White	Hilly areas	70 hac.	Common	Common	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>	Dal	Local	Hilly areas	50 Hac	Common	Common		Kharif	Source of protein energy	Preferred food for parties as well as domestic consumption		Seed selected from previous yr. crop,	Local faming communities
	<i>Solanum Tuberosum</i>	Aalo	Localo	Hilly areas	50 Hac	Common	Common		Kharif		High carbohydrates		Seed selected from previous yr. crop,	Local faming communities
	<i>Solanum lycopersicum</i>	tamatar	Local	Hilly areas	50 Hac	Common	Common		Kharif				Seed selected from previous yr. crop,	Local faming communities
	<i>Allium Cepa</i>	Ganda	Local	Hilly areas	50 Hac	Common	Common		Kharif					

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						
Apple	<i>Malus domestica</i>	Saib	Red delicious,	Lowland valley / home gardens	Rare	Rare	Agri deptt. / locally raised	Aug- Sept	Rich source of iron and Tuber	Food	Market / own use	Community / Knowledge holder
Apricot	<i>Prunus armeniaca</i>	Khubani	Local	Lowland valley / home gardens	Common	Common	Agri deptt. / locally raised	April-May	Rich source of iron and Tuber	Food	Market / own use	Community / Knowledge holder
Plum	<i>Prunus Subg</i>	Aalu bukhara	Local blood plum	Lowland valley / home gardens	Common	Common	Agri deptt. / locally raised	April-May	Rich source of iron and Tuber	Food	Market / own use	Community / Knowledge holder
Lime	<i>Citrusauran tifolia</i>	Nimbu	Kagazi	Lowland valley / home gardens	Rare	Common	Agri deptt. / locally raised	Aug- Sept	Rich source of iron and Tuber	Food	Market / own use	Community / Knowledge holder
Pecan Nuts	<i>Carya Illinoensis</i>	Kagzi khore	Local	Plain & slopy	Common	Common	Agri deptt. / locally raised	Sep- Oct	Dry fodder	Food	Market / own use	Community / Knowledge holder
Pear	<i>Pyrus communis</i>	Pather pan	Local	Lowland valley / home gardens	Common	Common	Agri deptt. / locally raised	June-July	Rich source of Vit-C	Rich source of Vit-C	Market / own use	Community / 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					
Bermuda Grass	<i>Cynodon dactylon</i>		Maize		Hilly areas	Common	Common	Manual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed	Locals
Zehar bael	<i>Ipomea sp.</i>		Maize		Hilly areas	Common	Common	Manual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed	
Bathua	<i>Chenopodium album</i>		Maize		Hilly areas	Common	Common	Manual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed	
Jhadii	<i>Parthenimum hysterophorous</i>		All crops		Hilly areas	Common	Common	Manual control/ Chemical mgmt. through herbicides	Abnoxious weed difficult to control	Exotic	No TK associated with knowledge of weed	

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
Rice	Rice Thrips	<i>Stenchaetothrips biformis</i>	Kida	Paddy Field	August to September	Dusting of carbaryl 5% or malathion 5% @ rs. 25 kg /hac	nil	nil	Knowledge holder
WHEAT	Field Rats	<i>Bendicota bangalensis,</i>	Tulva	Paddy Field	All season	Traps and chemicals	nil	nil	Nil
Maize	Cut worm	<i>Agroris sp.</i>	Neela kida	Paddy Field	July - Sept	Chemical mgmt. through insecticide (phorate)	nil	nil	Nil

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
Majority Muslims - 3200 Population	600 families , Agriculture	Agriculture	Agriculture							

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	Manageme nt practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallw 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
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-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, Rice etc.	-	-	-



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						
Apricot	Khobani	<i>Prunus armenica</i>	Beboco char magaz	Low land velley	Common	Common	Agri. Deptt	Sept. Oct	Rich source of Iron & Fibre	Rich source of iron & fibre	Market use	Knowledge holder
Tree	Khor			Low land velley	Rare	Common	Agri. Deptt	Sept. Oct	Rich in oil mineral & vit.	Rich in oil mineral & vit.	Own use	Knowledge holder

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	<i>Scientific Name</i>	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	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 sativa</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	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 Staats		Uses	Associated TK	Commercial Rearing	Other details	Community know holders
						Past	Present					
Cow	Ghan	<i>Bos indicus</i>	Local	Long mary and short tail	Cow shed	Common	Common	Dairy	Nil	No		
Buffalo	Manj	<i>Bubales bubalis</i>	Local	Hatled body long horn	Cow shed	Rare	Rare	Dairy	Nil	No	Milk	
Small ruminants	Bhed	<i>ovis Aries</i>	Hybrid	Shrt horn , V- shaped droppng ear	Conventional	Common	Common				Wool mutton, skit deppt. Provice necessary medical coverage and sifficients system of rearing	Knowledge holder

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	Drankh	<i>Melia azedarach</i>	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Guvava	<i>Psidium Guajava</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	posses medicinal properties	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	Popular	<i>Populus ciliata</i>	Trees	Sub-Tropical	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	brankad	<i>Adha toda vesica</i>	Shurbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community

Shurbs	Akk	<i>Ipomea fistulosa</i>	Shurbs	Sub-Tropical	Abundant	Abundant	own		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
Grass	Kai/Kaana	<i>Saccharum spontaneum</i>	Grass	Sub-Tropical			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	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-21 Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Cho	<i>Nasturtium officinale</i>	Wild	Medicinal , feeding & fodder	Common
2	Bhang	Canabis sativa	Wild	Economic & Socila, Medical purpose	Common
3		<i>Lichen</i>	Wild	Aig pollution indicator	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	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	<i>Scientific Name</i>	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		

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>		Locally present	Rare	Rare	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				
Deodar	<i>Cedrus deodara</i>	Temperate	Dense	Least dense	Roofing, furniture etc.	Whole for different uses		
Kail	<i>Pinus wallichiana</i>	Temperate	Dense	Least dense	Roofing, furniture etc.	Whole for different uses		
<i>Abies pindrow</i>	<i>Fir</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, 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					
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	
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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	April -May	Common
2	<i>Safeda</i>	<i>Eucalyptus spp.</i>	Tree	Sub-tropical	April -May	Common
3	Trimuru	<i>Zanthoxylum aurmatum</i>	Tree	Sub-tropical	April -May	Common
4	Bhang	<i>Cannabis sativa</i>	Shrubs	Sub-tropical	May-Junme	Common
5	Banfsha	<i>Viola odorata</i>	Herb	Sub-tropical	April -May	Rare

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	Crow/ Cova	<i>Corvus Splenders</i>	Bird	Forest	Common
2	Asian Koel	<i>Eudynamys scolopaceus</i>	Bird	Forest	Common
3	Rach	<i>Ursus thibetanus</i>	Mammals	Forest	Common
4	Ghaa	<i>bos taurus</i>	Mammals	Domestic	Common

Format 31: Any other information of local importance

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