

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Loran Lower A

Taluk/Tehsil: Loran

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti... Total 2100

Male= 1200 Female = 900

Habitat and Topography: Hilly Area

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: 17-09-2021



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 Sharief

Age: 62 years

Gender: male

Address: Loran Lower A (Area of specialization , agri 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:

7)Name:

Annexure 4

Names 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:

Any 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

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>	Maki	Local	Sub-tropical	2400 Hac	Rare	Common	Corn & flower sweet in taste	April- may	Straw used as fodder	Suitable food	-	Agriculture deptt. Preveious year selected seed	Farmer
Wheat	<i>Triticum aestivum</i>	Kanak	HD 2967	Sub-tropical	20000 Hac	Common	Common	Premature crop fodder	Rabi		Suitable food	-	Agriculture deptt. Preveious year selected seed	Farmer
Vegetables	<i>Solanum Tuberosum</i>	Aalu	Local	Sub-tropical	500 Hac	Common	Common	Premature crop fodder	Rabi		Suitable food	-	Agriculture deptt. Preveious year selected seed	Farmer

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	<i>Scientific Name</i>	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>Juglans regia</i>	Khore	Hard shell	Low land valley	Rare	Common	Agri deptt.	April-May	Rich in Iron & Timber	Fruits	Market	Knowledge holder
Tree	<i>Prunus armeniaca</i>	Chorata	Local	Low land valley	Common	Common	Agri deptt.	Sept-Oct	Rich in Iron & Timber	Dry fruits	Market	Knowledge holder
Tree	<i>Citrus limon</i>	Galgal	Local	Low land valley	Common	Rare	Locally raised	Throughout the year	Used for pickeling	Dry fruits	Market	Knowledge holder

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					
Herb	<i>Oryza sativum</i>	Kharb	Sub-tropical	Common	Common	Agri Deptt. Locally raised	Suitable for fodder	Whole part	Suitable for fodder	Farmers
Herb	<i>Aesculus indica</i>	Ban khor	Sub-tropical	Common	Common	Naturally	Leaves are used for fodder	Whole part	Cow/ Buffalo	Knowledge holder
Herb	<i>Avena sativa</i>	Khandyal	Sub-tropical	Common	Common	Seeds selected from previous year crops	Grain for seed purpose, / fodder	Whole part		

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>Cannabis sativum</i>	Bhang	Maize, vegetables		Sub-tropical	Rare	Common	Medical purpose	No Control because it spread all over	-	-	-
Sedge	<i>Cyperus rotundus</i>	Dhila	Maize, vegetables		Sub-tropical	Common	Common		No Control because it spread all over	-	-	-
Grass	<i>Cyperus Esculentus</i>	Ghass	All crops		Sub-tropical	Common	Common		No Control because it spread all over	-	-	-

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	Stem borer	Chiloptartellus	Tridha	Paddy field	June - Sept	Pesticides	-	-	Knowledge holder
Maize	Grass hopper	<i>Hieroglyphus banian</i>	Kida	Sub-Tropical	June - July	Chemical agents through insecticides	-	-	Knowledge holder

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 - 2100	350 , Families, Agriculture	Agriculture	Agriculture							

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	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	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						
Tree	Seb	<i>Malus domestica</i>	Local	Temperate	common	Common	Agriculture Deptt.	Aug-Sept	Rich source of Iron & Fiber	Rich source of Iron & Fiber	Own use	Knowledge holder
Tree	Aru	<i>Prunus percia</i>	Local	Temperate	Common	Common	Agricultural Deptt.	June - July	Rich source of Iron & Fiber	Rich source of Iron & Fiber	Own use	Knowledge holder
Tree	Bagu Gosha	<i>Pyrus spp.</i>	Local	Sub-tropical	Rare	Common	Nurseries	Aug-Sept	Rich source of Iron & Fiber	Rich source of Vit. - C	Market 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	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 armatum</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 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 status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Mammal	Gaiya	Bos Taurus	Hybrid with mandi	Long leg, Short tail	Cow Shed	Common	Common	Milk				Farmers
Mammal	Ghora	<i>Eqaus coballus</i>	Hybrid	Long leg, Short tail	Conventional	Rare	Common	Transportation	-	No	Pack	Bakarwals
Mammal	Bakri	<i>Capra hircas</i>	Hybrid with Poonchi	V-Shaped horn & long tail	Conventional	Common	Common	Milk Mutton	Yes	-	-	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	Dhaman	<i>Grewia optiva</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	
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	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	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	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem	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
Herbs	Banfsha	<i>Viola odorata</i>	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	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-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				
Sona Machhli	<i>Barillius sp.</i>		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
1	Jungali Gulab	<i>Rosa macrophylla</i>	Wild	Social & Medical	Common
2	Bhang	Canabis sativa	Wild	Medical purpose	Common
3	Kucch	<i>Viburnum grandiflorum</i>	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-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
Tree	Kiker	<i>Acacia Nilotica</i>	Local	Forest	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		
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	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	Rare		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	Kainth	<i>Pyrus paschia</i>	Tree	Sub-tropical	May-June	Rare
2	Toot	<i>Morus alba</i>	Tree	Sub-tropical	May-June	Common
3	Kiker	<i>Acacia Nilotica</i>	Tree	Sub-tropical	Mar-April	Common
4	Phulwari	<i>Ficus palmata</i>	Tree	Sub-tropical	April-May	Rare
5	Banfsha	<i>Viola odorata</i>	Herb	Sub-tropical	Mar-April	Common
6	Guchi	<i>Morchella vulgaris</i>	Herb	Sub-tropical	Feb-March	Common

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	Khalij Pheasant/ Jungali Murga	<i>Lophura leucomelanos</i>	Bird	Forest	Common
2	Yellow-billed blue magpie	<i>Urocissa flavirostris</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