

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Lassana lower

Taluk/Tehsil: Lassana

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti...Total 3000

Male= 1800

Female = 1200

Habitat and Topography: Hilly area

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

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

Date, Month and Year of PBR preparation: 05-09-2021

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)

Chairman: Mr. Abdul Majeed Bhat

No. 3

Agriculture & Forestry

No. 3

No. 2

No. 3

Agriculture

No. 4

No. 5

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 :

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 : Meer Mohd.

Age: 70 years

Gender: Male

Address: Lassana W.NO. 5

Area of specialization: Agriculture & Forestry

2) Name : Ali Mohd.

Age: 95 years

Gender: Male

Address: Lassana W.NO. 9

Area of specialization: Agriculture & Forestry

3) Name of the Chairperson: Mohd. Sharief

Age: 75 years

Gender: Male

Address: Lassana W.no 2

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

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							
Vegetable	<i>Solanum Tuberosum</i>	Aalo	Local	Hilly areas or Lower hills		Common	Common	Tubers are round greanish	Rabi	Food as fodder	High carbohydrates		Natural	Farmers
Vegetable	<i>Allium Cepa</i>	Ganda	Local	Hilly areas or Plain areas		Common	Common	Biennial plant	Rabi	Food as fodder	Rich in abisic acid		Agri.Deptt.	Farmers/ Communities
Vegetable	<i>Abelmoschu esculentus moench</i>	bhindi	Arka Anamika	Sub-tropical to Intermediate		Common	Common	Long finger like small tip at tapering end	Kharief	Use as vegetable	Rich Source of Minerals		Seeds/ Agri deptt	Farmer/ Community

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>Pyrus Spp.</i>	Nashpati/nakh	Local	Sub-tropical	Common	common	Nurseries	July - Sept		Fruits		Farmers
Tree	<i>Citrus aurantifolia</i>	Nimboo	Local	Mid hills	Common	common	Agri. Deptt	Throughout the year		Fruits & Pickeling		Farmers

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	Allium Sativum	Thoom	Sub-tropical	Common	Common	Seeds	Medical values	Clove	Spices uses	Farmers
Tree	Salix Alba	Besa	Mid hills	Common	Common	Naturally / Cutting	Potable fodder	Leaves	Suitable for fodder	Community / Knowledge holder
Herb	Oryza sativum	Kharb	Sub-tropical	Common	Common	Naturally / Agri. Deptt	Potable fodder	Whole part	Suitable for fodder	Knowledge holder
Grass	<i>Avena sativa</i>	Javi	Sub-tropical	Rare	Common	Agri Deptt./ Local	Nutritiuous	Whole part	Suitable for fodder	Knowledge holder/ Farmers

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					
Shrub	<i>Echinocola colonum</i>	Ghass	All crops	Complete Crops	Sub-tropical to Intermediate	Common	Common		Chemical / Pesticides		Local	Farmers
Shrubs	<i>Aristea ecklonii</i>	Nela kida	Maize, vines, grasses	Whole crops	Sub-tropical to Intermediate	Rare	Common		Chemical/ Mammals		Local	Farmers
Shrub	<i>Cannabis sativa</i>	Bhang	Maize	Complete Crops	Sub-tropical to Intermediate	Common	Common	Used as dry	Chemical controls	Religious purpose	Local	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
Vegetables	Snails	<i>Cornu aspersum</i>	Bleette	Tropical	During winter season	Chemical control	-	Feed on crop stem	Farmers
Maize	Cut worm	<i>Agrotis ipsilon</i>	Makk kida	Sub-tropical	Kharief	Chemical control	-	Feed on crop leaves	Farmers/ Knowledge holder
Wheat	Termite	<i>Odontotermes obesus</i>	Seenak	Sub-tropical	Kharief	Chemical control	-	Feed on crop leaves & fruits	Farmers/ Community

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-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
Chashma originate from Lassana Lower			Panchayats			Drinking purpose						

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	Associated 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	-	-	-

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	Akhroot	<i>Junglans regia</i>	kagazi/ Hard shell	Mid hill	Rare	Common	Agri. Deptt	Aug-Sept	Dry fruits	Medicinal	Market Use	Knowledge holder
Herb	Druni	<i>Punica granatum</i>	Local	Sub-tropical	Rare	Rare	Nurseries	Aug-Sept	Fruits/ Medicinal use	Medicinal	Own use	Farmer/ Knowledge holder
Tree	Seb	<i>Malus domestica</i>	Red delicious	Temperate	common	Common	Agri. Deptt	Aug-Sept	Fruits/ Medicinal use	Medicinal	Own /Market use	Farmers/ Community
Tree	Bagu Gosha	<i>Pyrus spp.</i>	Pathar pan	Sub-tropical	Rare	Common	Nurseries	Aug-Sept	Fruits	Medicinal	Market Use	Farmers

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	Medicinal uses	N.A	Generally, held by community
Shrubs	Anardana	<i>Punica granatum</i>			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
Shrubs	Kankoli	<i>Elaeagnus parvifolla Wallich ex Royle</i>	Local	Mid hills	Naturally	Common	Common	Edible	Fruits, leaves, Bark	Medicinal purposes		Knowledge holder
Herb	Simlu	<i>Berberis lyceum</i>	Local	Sub-tropical	Naturally	Common	Common	Edible	Fruits, leaves, Bark	Medicinal purposes		Community/ Farmers

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	Pinus roxburghii	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
Trees	Rein	Quercus incana	Sub-tropical	Rare	Common	Wild	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					
Goat	Bakari	<i>Capra Aegagrus</i>	Hybrid	Short horn	Shed	Common	Common	Wool/ Milk, Mutton				Farmers/ Knowledge holder
Dog	Kutta	<i>Cains lupus</i>	Hybrid/ Bakarwali Kutta	Curly tail	Kennels	Common	Common	For house security	Nil	Nil	Nil	Farmers/ Knowledgeholder
Cow	Gaay	<i>Bos taures</i>	Local	Long horn	Cow shed	Common	Common	Milk, Cow dung	Milk good for health	Yes	High milk production	Farmers/ Community

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	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	Thor/Shuu	<i>Euphorbia royleana</i>	Shurbs	Sub-Tropical	Rare	Rare	own	Stem	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	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	Wild anaar	<i>Punica granatum</i>	Wild	Economic, social	
2	Simlu	<i>Berberis lyceum</i>	Wild	Economic, Social, Medical purpose etc	
3	Jungali Gulab	<i>Rosa macrophylla</i>	Wild	Economic , cultural	
4	Kooch	<i>Viburnum grandiflorum</i>	Wild	Economic and Medicinal uses	

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				
Luss	<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	Patrees	<i>Aconitum heterophyllum</i>	Herb	Medicinal uses	Common
2	Simlu	<i>Berberis lyceum</i>	Herb	Medicinal uses	Common
3	Banafsha	<i>Viola odorata</i>	Herb	Medicinal uses	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	<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
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	<i>Scientific Name</i>	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Oak	<i>Quercus Incana</i>	Forest	Moderate	Moderate	Roofing, furniture etc.	Whole for different uses		Knowledge holder
Tung	<i>Cedrus deodara</i>	Sub-tropical	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Knowledge holder
Bair	<i>Ziziphus xylopyrus</i>	Sub-tropical	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Community/ Knowledge Holder
Besa	<i>Salix Alba</i>	Sub-tropical	Common	Common	Roofing, furniture etc.	Whole for different uses		Community/ Farmer

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

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	Toot	<i>Morus alba</i>	Tree	Sub-tropical	July-Oct	Common
3	<i>Safeda</i>	<i>Eucalyptus spp.</i>	Tree	Sub-tropical	Mar-July	Common
4	Bhang	<i>Cannabis sativa</i>	Herb	Sub-tropical	Sep-Oct	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	Reech	<i>Ursus thibetanus</i>	Mammals	Forest	Common
2	Bander	<i>Macaca Mulatta</i>	Mammals	Forest	Common
3	Cova	<i>Corvus splendens</i>	Birds	Forest	Common
4	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