

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Mohra Bachhai Lower

Taluk/Tehsil: Lassana

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti...Total 6000

Male= 3500

Female = 2500

Habitat and Topography: Hilly area

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

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

Date, Month and Year of PBR preparation: 20-09-2021

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)

Name: Mumtaz Ahmed Khan

Lower

Agriculture

Awan

Lower

Agriculture

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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 : Mr. Ishtiq Ahmed Khan

Age: 55 years

Gender: Male

Address: Mohra Bacchai Lower

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:

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 lycopersicum</i>	Tamatar	Pusa Eary dwarf	Sub-tropical to Intermediate		Common	Common	Stems are woody & weak	Kharief	Rice in abisic acid	Source of Vit-C		Natural / Agri. Deptt	Farmers/ Knowledge holder
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	Source of minerals, antioxidant		Agri. Deptt	Farmer/ Community
Veg	<i>Lagenaria siceraria</i>	Kaddu	PSPG Punjab Komal	Sub-tropical to Intermediate		Common	Common	Winter squash	Kharif	Use as vegetable	Rich in Vit-A		Seeds/ Agri Deptt	Farmer/ Community

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>Citrus Plant</i>	Kinnu	Local	Mid hills	Common	Common	Nurseries	Throughout the year		Fruit, Pickeling		Farmers/ Knowledge holder
Tree	<i>Malus domestica</i>	Saib	Local	Sub-tropical to Intermediate	Common	Common	Agriculture deptt	Aug-Oct		Fruit/ Medicinal uses		Farmer
Tree	Juglans Regia	Khore	Khagzi	Sub-tropical	Common	Rare	Agriculture deptt/ Nurseries	Aug-Oct		Dry fruits		Farmer or community
Tree	<i>Pidium guajava</i>	Amrood	Local	Tropical or plain areas	Rare	Rare	Agriculture deptt	July-Aug		Fruits/ Medicinal uses		Farmer or 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>Coriandrum sativum</i>	Dhania	Tropical - Subtropical	Common	Common	Seeds/ Agricultural Deptt	Nutritious	Leaves, Seeds	Used in vegetables	Farmers
Tree	<i>Salix Alba</i>	Besa	Mid hills	Common	Common	Naturally / Cutting	Potable fodder	Leaves	Suitable for fodder	Community / Knowledge holder
Herb	<i>Oryza sativum</i>	Kharb	Sub-tropical	Common	Common	Naturally / Agri. Deptt	Potable fodder	Whole part	Suitable for fodder	Knowledge holder
Herb	<i>Allium sativum</i>	Thoom - Abundant	Sub-tropical	Common	Common	Seeds	Medical uses	Clove	Spice uses	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
Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub Tropical	Kharif/ Rabi	Mechanical control	-	Feed on potato tuber	Farmers
Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves or seeds	Farmers/ knowledge holder
Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub-tropical	Kharif	Mechanical control	-	Feed on crop leaves & fruits	Farmers
Vegetables	Snails	<i>Cornu aspersum</i>	Bleette	Tropical	During winter season	Chemical control	-	Feed on crop stem	Farmers

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 - 6000 population	1000 familie, 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-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	-	-	-
Black soil	Black & Soft	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	Amrood	<i>Psidium guajava</i>	Local	Sub-tropical	Rare	Rare	Agri. Deptt	May-July	Fruits	Medicinal	Market Use	Knowledge holder/ Community
Herb	Druni	<i>Punica granatum</i>	Local	Sub-tropical	Rare	Rare	Nurseries	Jan-July	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
Plant Type	Plum	<i>Prunus Domestica</i>	Blood plum	Sub-tropical	Common	Common	Nurseries/ agricultural Deptt.	July-Sept	Fruits	Medicinal	Market use	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					
Mammal	Manj	<i>Bubales bubalis</i>	Hybrid	Short tail	Shed	Rare	Common	Milk, Mutton				Farmers
Mammal	Bakari	<i>Capra Aegagrus</i>	Hybrid	Short horn	Shed	Common	Common	Wool/ Milk, Mutton				Farmers/ Knowledge holder
Mammal	Ghora	<i>Equus Caballus</i>	Hybrid	Short horn	Shed	Common	Common	Transportation of material from one place to another				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	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
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	Trimuru	<i>Zantho Xylum Aurmatum</i>	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community

	Punica granatum	Anardana	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shurbs	Akk	Ipomea fistulosa	Shurbs	Sub-Tropical	Abundant	Abundant	own		nil	nil	Generally, held by community
Shurbs	Bhang	Canabis sativia	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Jungli putna	Mentha arvensis	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Banfsha	Viola odorata	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Grass	Drub/Khabbal	Cyanodon dactylon	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Kai/Kaana	Saccharum spontaneum	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	Bhang	<i>Cannabis sativa</i>	Wild	Economic, social	
2	Jungali anar	<i>Punica granatum</i>	Wild	Economic and social	
3	Simlu	<i>Berberis lyceum</i>	Wild	Economic, Social, Medical purposes etc	
4	Jungali Gulab	<i>Rosa macrophylla</i>	Wild	Economic , cultural	
5	Akhrot	<i>Juglans regia</i>	Wild	Ecnomical & Social	
6	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 blunt upper jaw , herbovorous		Rare	Common				
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	Kuth	<i>Saussurea lappa</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-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-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				
Chir	<i>Pinus roxburghii</i>	Sub-tropical	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Community
Oak	<i>Quercus Incana</i>	Forest	Moderate	Moderate	Roofing, furniture etc.	Whole for different uses		Knowledge holder
Tung	<i>Cedrus deodara</i>	Forest	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, 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	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	San	<i>Aesculus indica</i>	Tree	Sub-tropical	April-May	Common
2	Safeda	<i>Eucalyptus spp.</i>	Tree	Sub-tropical	Mar-July	Common
3	Kiker	<i>Acacia Nilotica</i>	Tree	Sub-tropical	April-May	Common
4	Akhrot	<i>Juglans regia</i>	Tree	Sub-tropical	Aug-Sept	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	Manj	<i>Babalus bubalis</i>	Mammals	Cow shed	Common
2	Asian Koel	<i>Eudynamys scolopaceus</i>	Birds	Forest	Common
3	Ged	<i>Canis aureus</i>	Mammals	Forest	Common
4	Cova	<i>Corvus splendens</i>	Birds	Forest	Common

Format 31: Any other information of local importance

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