

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Shindara Lower

Taluk/Tehsil: Lassana

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti... Total 3100

Male - 2000

Female = 1100

Habitat and Topography: Hilly area

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

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

Date, Month and Year of PBR preparation: 18-09-2021

(ST)



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. Manzoor Hussain

Age: 40 years

Gender: Male

Address: Shindara lower

Area of specialization: Agriculture & Forestry

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: Nil

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							
Wheat	<i>Triticum aestivum</i>	kanak	HD-2667	Hilly areas or lower hills		Common	Common	high Yielding variety	Rabi	Food Fodder	Staple food		Agricultural dept.	Farmers
Vine	<i>Phaseolus vulgaris</i>	Rajmash	Local	Hilly temperate		Common	Common	Medium yielding	Kharief	Food Fodder	Staple food		Agricultural dept.	Farmers/ Knowledge holder
Vegetable	<i>Lagenaria siceraria</i>	Kaddu	PSPG Punjab Komal	Sub tropical to Intermediate		Common	Common	Winter squash	Kharief	Uses as vegetable	Rich in vitamin A		Agricultural dept. / Seeds	Farmers

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						
Grapes	<i>Vitis vinifera</i>	Druni	Sub-tropical		Common	Common	May-Aug			Fruits		Community / Knowledge holder
Shrub	<i>Citrus sinensis</i>	Santra	Mid hills		Rare	Common	Throughout the year			Fruits/ Pickling		Community / Knowledge holder
Woody Tree	<i>Pidium guajava</i>	Amrood	Tropical or plain areas		Rare	Rare	July-Aug	March to August, Dec. To January	Introduced by traders and domesticated locally.	Fruit, medicinal uses		Farmer or knowledge holder
Tree	Juglans Regia	Khore	Sub-tropical		Common	Rare	Aug-Oct			Dry fruits		Farmer or community

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
Grass	<i>Avena sativa</i>	Javi	Sub-tropical	Rare	Common	Agricultural deptt	Nutritious	Whole Plant	Suitest for fodder	Knowledge holder
Herb	<i>Oryza sativa</i>	Kharb	Sub-tropical	Common	Common	Naturally/ Agriculture deptt	Potable fodder	Whole Plant	Suitest for fodder	Community / Knowledge holder
Garlic	<i>Allium sativum</i>	Thoom - Abundant	Sub-tropical	Common	Common	Seeds	Medical uses	Clove	Spice uses	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>Agerantum conyzoides</i>	Jungali Pudina	Maize	Complete Crops	Sub-tropical to Intermediate	Rare	Common		Chemical controls		Local	Knowledge holders / Farmers
Shrub	<i>Echinocola colonum</i>	Ghass	All crops	Complete Crops	Sub-tropical to Intermediate	Common	Common		Chemical / Pesticides		Local	Farmers
Shrub	<i>Parthenimum hysterophorous</i>	Con. Ghass	All crops	Complete Crops	Sub-tropical to Intermediate	Rare	Common		Chemicals		Local	Farmers/ Knowledge holders

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
Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub-tropical	Kharif	Mechanical control	-	Feed on crop leaves & fruits	Farmers
Vegetables	Cabbage cooper	Trichopusa	Nela kida	Sub-tropical	When vegetables grown in field	Chemical control/ Pesticide		Feed on crop leaves	Farmers/ knowledge holder
Maize/ Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub-tropical	Kharief/ Rabi	Mechanical control		Feed on potato tuber	Farmers
Maize	Cut worm	<i>Agrotis ipsilon</i>	Makk kida	Sub-tropical	Kharief	Chemical control	Nil	Feed on crop leaves	Farmers

Format-8 Landscape

1			2	3	4	5	6	7	8	9	10	11
Major Landscapes			Sub - Landscapes	Feature s and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details
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
Forest Land	Not Applicable	Not Applicable	Forest Land		Government	Wild plants	Wild animals, wild Chicken, fox, Jackel, Insects etc	Nil	Nil	Nil		Nil

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Community accessed
Low-Income community
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						
Plum	Plum	<i>Prunus subg prunus</i>	Blood plum	Sub-tropical	Common	Common	Nurseries/ agricultural Deptt.	July-Sept	Fruits	Medicinal	Market use	Farmers
Apricot	Khobani	<i>Prunus armenica</i>	Local	Temperate	Available	Available	Agricultural Deptt.	Aug-Oct	Fruits	Medicinal	Market use	Knowledge holder
Peach	Aru	<i>Prunus percia</i>	Local	Temperate	Available	Available	Agricultural Deptt.	July-Sept	Fruits	Medicinal	Market use	Farmers
Tree	Dandel	<i>Pyrus pyrifolia</i>	Local	Sub-tropical			Agricultural Deptt.	Aug-Oct	Fruits/ Medicinal	Medicinal	Medicinal use / Market use	Farmers/ Community

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 aurmatum</i>			Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	N.A	N.A	Generally, held by community
Trees	Bair	<i>Ziziphus xylocarpa</i>			Seed	Rare	Rare	Medicinal use	Fruit,Leaves	N.A	N.A	Generally, held by community
	Mathur	<i>Cyperus rotundus L</i>	Local	Sub-tropical	Natural	Common	Common	Stemes & leaves used against irregular menstruation	Leaves	Medicinal purpose		Farmers
Tree	Phagwari	<i>Ficus Palmata</i>	Local	Sub-tropical	Natural	Common	Common	<i>Skin diseases,contipation</i>	Fruit	Medicinal purpose		Knowledge holder

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	Quercus incana	Rein	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					
Cat	Billi	<i>Felis Spp</i>	Local	Feline flexibility	Cattery	Common	Common				no	Knowledge holder
Horse	Ghora	<i>Equus Caballus</i>	Hybrid	Short-horn	Shed	Common	Common	Transportation of material from one place to another				Farmers
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	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	Kiker	<i>Acacia Nilotica</i>	Trees	Sub-Tropical	Abundant	Abundant	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

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, furnitures, fuels etc	
4	Jungali Gulab	<i>Rosa macrophylla</i>	Wild	Economic , cultural	

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		Rare	Common				

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	Patrees	<i>Aconitum heterophyllum</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	<i>Patrees</i>	<i>Aconitum heterophyllum</i>	Herb					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Roots		
Herb	<i>Banafsha</i>	<i>Viola</i>	Herb					Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		
Herb	<i>Kuth</i>	<i>Soussurea lappa</i>	Herb					Used in treatment of cough, asthma & fever.	Root		

Format-24 Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Gandera	<i>Nerium oleander</i>		Near the nalla's	Non-Commercial	N.A	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>	-	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>	,	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

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				
Besa	<i>Salix Alba</i>	Sub-tropical	Common	Common	Roofing, furniture etc.	Whole for different uses		Community/ Farmer
Rein	<i>Quercus Incana</i>	Sub-tropical	Common	Common	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

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	
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	Bhang	<i>Cannabis sativa</i>	Herb/Plant	Sub-tropical	Sep-Oct	Common
2	Akhrot	<i>Juglans regia</i>	Tree	Sub-tropical	Aug-Sep	Common
3	Besa	Salix Alba	Tree	Sub-tropical	May-July	Common
4	San	Aesculus indica	Tree	Sub-tropical	April-May	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	Ghai	<i>Bos taurus</i>	Mammals	Cow shed	Common
2	Manj	<i>Babalus bubalis</i>	Mammals	Cow shed	Common
3	Kabutar	<i>Columba livia</i>	Birds	Forest	Common
4	Totaa	<i>Psittacula krameri</i>	Birds	Forest	Common

Format 31: Any other information of local importance

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