

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Shindara Upper

Taluk/Tehsil: Lassana

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the Panchayat Samiti:

Population Of the Panchayat samiti... Total 2900

Male= 1600

Female = 1300

Habitat and Topography: Hilly area

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

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

Date, Month and Year of PBR preparation: 03-09-2021

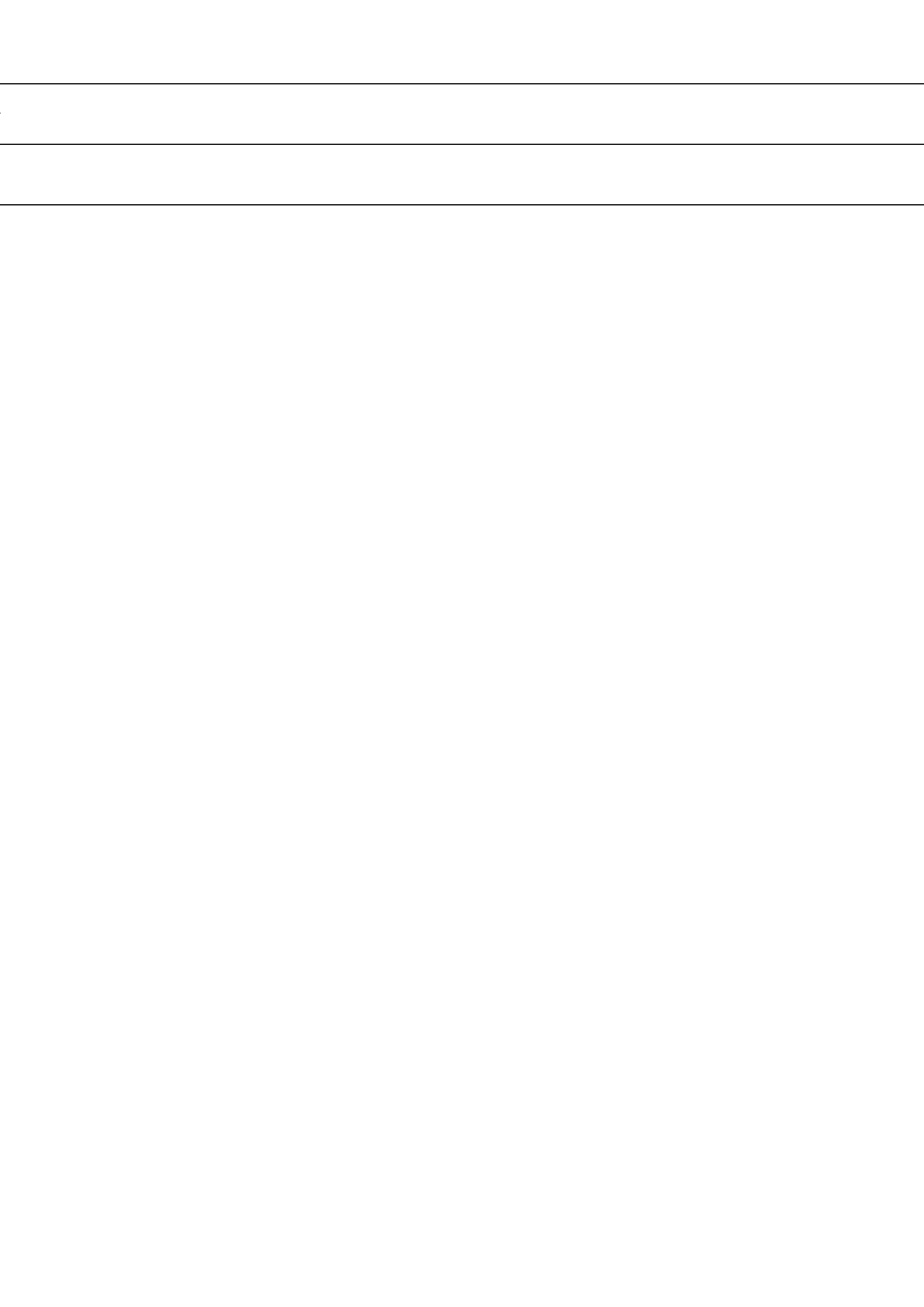
Annexure 1

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)

n: Mr. Ch. Mohd Latieff (ST)

riculture





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 Talib Hussain

Age: 55 years

Gender: Male

Address: Shindara upper

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:

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 of lower hills		Common	Common	HYV	Rabi	Food as fodder	Stable food		Agricultural Deptt.	Farmers
Vegetable	<i>Allium Cepa</i>	Ganda	Local	Hilly or plain area		Common	Common	Biennial plant	Rabi	Food as fodder	Rich in abisic acid		Agricultural Deptt.	Farmers/ Community
Vine	<i>Phaseolus Vulgaris</i>	Rajmah	Local	Hilly temperature		Common	Common	Medium yielding	Khariief	Food as fodder	Stable food		Agricultural Deptt.	Farmer/ Knowledge holder

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>	Galgal	Local	Mid hhills	Rare	Common	Nurseries	Throughout the year		Fruits, pickeling		Farmers/ Knowledge
Vine	<i>Vitis Vinifera</i>	Druni	Local	Sub-tropical	Common	Common	Agri. Deptt	May- Aug		Fruits		Community / Knowledge holder
Tree	<i>Citrus plant</i>	Nimbu	Local	Mid hhills	Common	Common	Agri. Deptt	Throughout the year		Fruits, pickeling		Farmers/ Knowledge
Tree	<i>Pyrus Spp.</i>	Nashpati/nakh	Local	Sub-tropical	Common	Common	Nurseries	July-Sept		Fruit		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	<i>Sorghum Spp.</i>	Charry	Sub-tropical	Common	Common	Agri Deptt.	Sources of energy	Whole part	Suitable for fodder	Knowledge holder/ Farmers
Grass	<i>Trifolium alexandrium</i>	Shatal	Sub-tropical	Rare	Rare	Agri Deptt.	Potable fodder	Leaves	Suitable for fodder	Farmer
Herb	<i>Oryza sativum</i>	Kharb	Sub-tropical	Common	Common	Naturally/ Agricultural Deptt.	Potable fodder	Whole part	Suitable for fodder	Community / Knowledge holder
Herb	<i>Cynodon Spp</i>	Bermuda grass	Mid hills	Common	Common	Naturally	Potable fodder	Whole part	Suitable for fodder	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					
Shrubs	<i>Canabis sativum</i>	Bhang	Maize	Complete Crops	Sub-tropical to Intermediate	Common	Common		Chemicals		Local	Farmers
Shrubs	<i>Ageratum conyzoides</i>	Khanda	Maize	Complete Crops	Sub-tropical to Intermediate	Common	Common		Chemicals/ Controls		Local	Farmers/ Knowledge holder
Shrubs	<i>Aristea ecklonii</i>	Nela Phul	Maize, Wheat	Complete Crops	Sub-tropical to Intermediate	Common	Common		Chemicals/ Mammals		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	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize/Wheat	Termite	<i>Odentotermes obesus</i>	Sink	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves & fruits	Farmers/ knowledge holder
Vegetables	Army worms	<i>Spodoptera frugi perda</i>	Blate	Sub Tropical	When vegetables grown in field	Chemical / Pesticides		Feed on crops stems	Farmers / Community
Vegetables	Ear worm	<i>Helicoverpa</i>	Chhota kida	Sub Tropical	When vegetables grown in field	Chemical / Pesticides		Feed on crops leaves	Farmers

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	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	Besa, Kiker, Mammals, Frog, Snake	-	-

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	Chorota	<i>Prunus armenica</i>	Local	Temperate	Common	Common	Agricultural Deptt.	Aug-Oct	Fruits	Medicinal	Market use	Knowledge holder
Tree	Dandel	<i>Pyrus pyrifolia</i>	Local	Sub-tropical	Common	Common	Agricultural Deptt.	Aug-Oct	Fruits/ Medicinal	Medicinal	Medicinal use / Market use	Farmers/ Community
Plant	Plum	<i>Prunus subg prunus</i>	Blood plum	Sub-tropical	Common	Common	Nurseries/ agricultural Deptt.	July-Sept	Fruits	Medicinal	Market use	Farmers
Tree	Amrood	<i>Psidium guava</i>	Local	Sub-tropical	Rare	Rare	Agricultural Deptt.	May- July	Fruits	Medicinal	Market use	Community/ Know. 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 aurmatum</i>	Local	Sub-tropical	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	Medicinal uses	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
Trees	Bair	<i>Ziziphus xylocarpa</i>			Seed	Rare	Rare	Medicinal use	Fruit,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		Community/ Farmers
Herb	Sap mak	<i>Arisaema Tortulosum</i>	Local	Mid hills	Naturally	Common	Common	Medicinal use	Stem	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	Common	Rare	Wild	Roofing, furniture etc.	nil	nil	
Trees	Rein	Quercus incana	Sub-tropical	Rare	Common	Wild	Roofing, furniture etc.	nil	nil	

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	Guvava	<i>Psidium Guajava</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	posses medicinal properties	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

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	Wild anaar	<i>Punica granatum</i>	Wild	Economic, social	
3	Jungali Gulab	<i>Rosa macrophylla</i>	Wild	Economic , cultural	
4	Simlu	<i>Berberis lyceum</i>	Wild	Economic, Social, Medical purpose	
5	Kucch	<i>Viburnum grandiflorum</i>	Wild	Economic & 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		Nil		
Machi	<i>Barillius sp.</i>		omnivorous body very long and much compressed sides irregularly marked with numerous incomplete oblique spots		Common	Rare	As food	Rich in protein		

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	Patrees	<i>Aconitum heterophyllum</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		
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>	Local	Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	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	<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
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	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 xylocarpa</i>	Sub-tropical	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Knowledge holder

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 URBAN BIODIVERSITY

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Safeda	<i>Eucalyptus globulus</i>	Tree	Sub-tropical	Mar-July	Common
2	Kainth	<i>Pyrus paschia</i>	Tree	Sub-tropical	July-Sept	Common
3	Tooth	<i>Morus alba</i>	Tree	Sub-tropical	July-Oct	Common
4	Bhang	<i>Cannabis sativa</i>	Herb/ Plant	Sub-tropical	Sept-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 splenders</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
Nil	Nil	Nil