Peoples' Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Lassa Upper
Taluk/Tehsil: Lassana
District: Poonch
State/UT: Jammu And Kashmir
Geographical Area of the pancahayt Samiti:
Population Of the Panchayat samitiTotal 3500
Male= 2000 Female = 1500
Habitat and Topography: Hilly areas
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: 06-09-2021

Annexure 1
anagement 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: Mushtaq Ahmed
d



Annexure-2
List of Vaids, 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 availble
Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name:
Age:
Gender:
Address:
Area of specialization:Agriculture
2) Name :
Age:50
Gender:
Address:
Area of specialization:
3) Name of the Chairperson:
Age:
Gender:
Address:

Area of specialization:	
Name of the Chairperson:	
Age:	
Gender:	
Address:	
Area of specialization:	

	Annexure 4
De	etails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals volved 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		9	10	11	12	13	14
Crop	Scientific Name	Local Nama	Variety	Landscape	Approx. area shown	Local Status		Special	Cropping	Uses	Associated TK	Other details	Source of	Community/ Knowledge
Стор	Scientific Ivame	Local Name	variety	/ Habitat		Past	Present	features	season	Uses	Associated 1 K	Other details	Seeds/Plants	Holder
Rice	Oryza sativa	Chawal	G-14, K-39	Lower land, Sub tropical		Rare	Rare	Medium height	Kharif	Food as fodder	Stable food		Preserves or Agricultural deptt.	Farmers
Maize	Zea Mays	Makh	Kh - 517	Hilly & lower hills		Common	Common	HVY resistant to drought & Lodging	Kharif	Food as fodder	Staple food	-	Farmers kept seed, Deptt. of Agri, Private seed dealer	Generally aged farmer or rural communities
wheat	Triticum aestivum	kanak	HD- 2667	Hilly & lower hills		Common	Common	HVY	Rabi	Food as fodder	Staple food	Suitable of Plain & Mid Hills	Local	
Potato	Solanum tubersum	Aloo	Local	Hilly & lower hills		Common	Common	Tubers are round greenish	Rabi	High carbonate	Staple food	-		
Onion	Allium Cepa	Ganda	Local	Hilly & lower hills		Common	Common		Rabi	Rich in asbisic acid	Staple food	Suitable of Plain & Mid Hills		
Beans	Phaseolus vulgaris	Rajmash	Local	Hilly / Temperate		Common	Common	Medium yielding	Kharif		Staple food	Not-known	Local preserved	Locals

#### Format 2: Fruit Plants

	1			<u> </u>			<u> </u>	I		Γ		1
1	2	3	4	5	6	6		8	9	10	11	12
					Local	Status					Other details market / own use	
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Past	Present	Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses		Community / Knowledge holder
Tree	Citrus plant	Galgal	Local	Mid hhills	Rare	Common	Nurseries	Throughout the year		Fruits, pickeling		Farmers/ Knowledge
Tree	Citrus sinensis	Santra	Local	Mid hhills	Common	Common	Nurseries	Throughout the year		Fruits/ Pickling		Community / Knowledge holder
Tree	Citrus plant	Nimbu	Local	Mid hhills	Common	Common	Nurseries	Throughout the year		Fruits, pickeling		Farmers/ Knowledge
Tree	Citrus plant	Kinnow		Mid hhills	Common	Common	Nurseries	Throughout the year				
Tree	Psidium guajava	Amrud	Local	Mid hhills	Rare	Rare	Agriculture deptt	July-Aug		Fruits, medical uses		Farmer or community
Vine	Vitis Vinifera	Druni	Local	Sub-tropical	Rare	Common	Agriculture deptt	May- Aug		Fruits		Community / Knowledge holder
Tree	Malus domestica	Saeb	Local	Sub-tropical	Rare	Common	Agriculture deptt	Aug-Oct				
Tree	Pyrus Spp.	Nashpati/nakh	Local	Sub-tropical	Rare	Common	Agriculture deptt	July-Sept		Fruit		Farmers

Tree	Juglans regia	Akhrot	Khagzi	Sub-tropical	Common	Rare	Agriculture deptt					
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#### Format-3 Fodder Crops and Species 2 3 5 6 7 8 9 10 1 4 **Local Status** Source of Plants Associated Scientific Local Landscape / Part Community / Other details Plant Habitat Used Knowledge holder Name Name Seeds TK Past Present Grass Javi Sub-tropical Rare Common Agri Deptt. Nutritious Whole part Suitable for fodder Avena sativa Herb Sorghum Spp. Charry Sub-tropical Common Common Agri Deptt. Source of Energy Whole part Suitable for fodder Farmers Trifalium Chtalla Sub-tropical Rare Agri Deptt. Source of Energy Whole part Fodder Grass Rare alexandrinum Herb Allium Sativum Thoom Sub-tropical Common Common Seeds Medical values Clove Species Knowledge holder Herb Oryza sativum Kharb Sub-tropical Common Common Agri Deptt./ Local Potable fodder Whole part Suitable for fodder Farmers Salix alba Mid hills Naturally / Cutting Potable fodder Suitable for fodder Tree Besa Common Common Leaves Farmers Potable fodder Fodder Knowledge holder Herb Cynodon Spp Bermuda grass Sub-tropical Common Common Naturally Whole part Knowledge holder Herb Cynodondacylon Ghass Sub-tropical Common Common Naturally Potable fodder Whole part Fodder

#### Format-4 Weeds

1	2	3	4	5	6	,	7		9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any		s Associated TK	Other details	Community / Knowledge
Tiant		Local Name	Affected crop			Past	Present	Uses II any	Management options	Associated TK	like exotic	holder
Shrubs	Aristea ecklonii	Nela kida	Maize, wheat	Whole crops	Sub-tropical to Intermediate	Rare	Common		Chemical/Manual		Local	Farmers
Shrubs	Canabis sativum	Bhang	Maize	Maize	Sub-tropical to Intermediate	Common	Common		Chemical/Manual		Local	Farmers
Shrubs	Echinochloa colona	Ghass	All crops	Complete crops	Sub-tropical to Intermediate	Common	Common		Chemical/Manual		Local	Farmers
Shrubs	Ageratum conyzoides	Khanda	Maize	Complete crops	Sub-tropical to Intermediate	Common	Common		Chemical/Manual		Local	Farmers
Shrubs	Parthenium hysterophorus	Congress Grass	All crops	All crops	Sub-tropical to Intermediate	Rare	Common		There is no option for controlling		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	Mylabris phalerata	Bhundi	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	Agrotis spp	Makki da kida	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize/Wheat	Termite	Odentotermes obesus	Sink	Sub Tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Vegetables	Cabbage cooper	Trichopusa	Nela kida	Sub Tropical	When vegetables grown & ripens	Chemical control		Feed on crop leaves	Farmers
Vegetables	Army worms	Spodoptera frugi perda	Blate	Sub Tropical	When vegetables grown & ripens	Chemical control		Feed on crop leaves	Farmers
Vegetables	Ear worm	Helicoverpa	Chhota kida	Sub Tropical	When vegetables grown & ripens	Chemical control	Leaf damager	Feed on crop leaves	Farmers
Vegetables	Snails	Cornu aspersum	Belate	Sub Tropical	When vegetables grown & ripens	Chemical control		Feed on crop leaves	Farmers
All crops	Monkey	Macaca Mulatta	Bander	Sub Tropical	When vegetables grown & ripens	Chemical control		Feed on crop leaves	Farmers
Miaze, Potato	Porcupine	Erethizon dorsatum	Seh	Sub Tropical/ intermediate	Kharif⁄ Rabi	Mechanical control	-	Feed on crop leaves	Farmers
Rice	Rice Hispa	Dicladispa armigera	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers

Wheat, Maize, Rice	Rat	Tatera indica	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Mechanical control	-	Feed on crop leaves	Farmers	
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#### **Format 6: Markets for Domesticated animals** 1 2 3 5 7 8 9 Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1] Types and Average Number of animals Types of animals Places to which the Name and Types of fishes Name of the market & Places from which bought and sold [2] location of fish Source of fish animals are sold / location animals are brought sold transacted in a day transported market 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			
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil			

### Format-8 Landscape

	1		2	3 4		5	6	7	8	9	10	11	12
Maj	or Landscapes			Feature s									G
Agricultural land	Pond	Fallow land	Sub - Landscapes	and approx. area	d approx. Ownership		General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land		Agricultural Land are Privately owned	Fodder and Crop Plants	Insects,Snakes, Dogs,Fox,Jackels etc	Farmers	Well Mgt. Practices	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-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 Gum Sar and fall in Noori cham	Govt.	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

			Format-10 Soil 7	Гуре			
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/	Local	Status	Source of	Season of	Uses (usage)	Associated TK	Other details market/own	Community/
Trant Type	Local Ivallie	Scientific Name	variety	Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	use	Know. holder
Herb	Druni	Punica granatum	Local	Sub-tropical	Rare	Rare	Nurseries	June- July	Fruits/ Medicinal	Medicinal	Own use	Knowledge holder
Tree	Bagu Gosha	Pyrus spp.	Pathar pan	Sub-tropical	Rare	Rare	Nurseries	Aug-Sept	Fruits	Medicinal	Market Use	Farmers
Tree	Seb	Malus domestica	Red delicious	Temperate	Common	Common	Agricultural Deptt.	Aug-Sept	Own/Marketing			
Tree	Akhrote	Juglans regia	Local,Kagzi	Mid hills	Rare	Common	Agricultural Deptt.	Aug-Sept	-		Own use/Market	
Apricot	Khubani	Prunus armeniaca	Safeda, Qadri	Temperate	Common	Common	Agricultural Deptt.	Aug-Sept	Nutritious value	Cures heart diseases	Market / own use	Locals
Tree	Dandel	Pyrus pyrifolia	Local	Sub-tropical	Common	Common	Agricultural Deptt.	Aug-Sept	Fruits/ Medicinal	Medicinal	Medicinal use / Market use	Farmers/ Community
Plant Type	Plum	Prunus domestica	Blood plum	Sub-tropical	Common	Common	Agricultural Deptt.	Aug-Sept				
Tree	Amrood	Psidium guava	Local	Sub-tropical	Rare	Rare	Agricultural Deptt.	Aug-Sept	Fruits	Medicinal	Market use	Community/ Know. holder

### Format-12 Medicinal Plants (Herb, Shrubs, Trees etc.)

								T		T	1	
1	2	3	4	5	6	,	7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Local	status	Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know.
Trant Type	Local Ivalie	Scientific Nume	variety	Habitat	plant/seeds	Past	Present	Uses (usage)	1 art uscu	Associated TK	use	Holders
Shrubs	Trimuru	Zanthoxylum aurmatum	Local	Sub-tropical	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativia	Local	Sub-tropical	Seed	Abundant	Abundant	Medicinal use	Leaves	N.A	N.A	Generally, held by community
Trees	Bair	Ziziphus xylocarpa	Local	Sub-tropical	Seed	Rare	Rare	Medicinal use	Fruit,Leaves	N.A	N.A	Generally, held by community
Trees	Kucch	Viburnum Grandiflorum	Local	Forest	Naturally occurring	Common	Common	Medicinal use	Forests	Used stem for cleaning teeth		
Herb	Simlu	Berberis lyceum	Local	Sub-tropical	Naturally	Common	Common	Edible	Fruits, leaves, Bark	Medicinal purposes		Community/ Farmers
Tree	Phagwari	Ficus Palmata	Local	Sub-tropical	Natural	Common	Common	Skin diseases,contipati on	Fruit	Medicinal purpose		Knowledge holder
Shrubs	Kankoli	Elaeagnus parvifolla Wallich ex Royle	Local	Mid hills	Naturally	Common	Common	Edible	Fruits, leaves, Bark	Medicinal purposes		Knowledge holder

Herb	Sap mak	Arisaema Tortulosum	Local	Mid hills	Naturally	Common	Common		Fruits, leaves, Bark	Medicinal purposes		
Herb	Mathur	Cyperus rotundus L	Local	Sub-tropical	Naturally	Common	Common	Stemes & leaves used against irregular menstruation	Fruits, leaves	Medicinal purposes		
Shrubs	Bhang	Canabis sativia	Local	Sub-tropical	Naturally	Common	Common	Whole plants are used intoxicant	Leaves	Medicinal purposes		
Herb	Ghaner	Amaranthus Spinosus	Local	Sub-tropical	Naturally	Common	Common			Medicinal purposes		
Herbs	Banfsha	Viola odorata	Local	Sub-tropical	Naturally	Common	Common	Medicinal Purpose	Flower	Medicinal purposes	Commercial/ Own	

#### Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Shrub	Gulab	Rosa indica	Local	Cutting	Commercial	Decoration			
Herb	Matar	pisum sativum	Local	Seed	Commercial	Vegetables			
Herb	Melons	Cucumis melo	Local	Seed	Commercial				
Climber	Phulwari	Rosa acicularis	Local	Cutting/ Naturally occuring	Non-Commercial	Nil			
Tree	Besa	Salix alba	Local	Cutting	Non-Commercial	Medicinal use			

				Format-14	Timber Pla	ants/Trees				
1	2	3	4	:	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home- garden	Other	Associated TK	Other details	Community/ Know.
Frant Type	Local Name	Scientific Name	паршас	Past	Present	wiid/ nome- garden	uses (multi)	Associated 1 K	Other details	holder
Trees	Chir	Pinus roxburghii	Sub-tropical	Rare Rare			Roofing, furniture etc.	nil	nil	
Trees	Oak	Quercus incana	Sub-tropical	Rare	Common		Roofing, furniture etc.	nil	nil	

#### **Format-15 Domesticated Animals**

1	2	3	4	5	6	7	7	8	9	10	11	12
			Breed (local/		Method of	Local status  Method of				Commercial	Other details including	Community
Animal Type	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	products and services	Know. Holders
Mammal	Gaiya	Bos Taurus	Local	long horn	Cow Shed	Common	Common	Milk				Farmers/ Community
Mammal	Manj	Bubales bubalis	Hybrid	Short tail	Shed	Rare	Common	Milk, Mutton				Farmers
Mammal	Bhead	Orisaries	Local	Short horn	Shed	Common	Common	Wool, Milk, Mutton				Farmers/ Community
Mammal	Bakri	Capra hircas	Hybrid	Short horn	Shed	Common	Common	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Farmers/ Knowledge holder
Horse	Ghora	Equus Caballus	Hybrid		domesticated							self observer
Cat	Billi	Felis catus	Local		domesticated							self observer
Dog	Kutta	Cannie Spp	Bakarwali / Hybrids kutta	pet	domesticated	available	available	Guarding			no	self observer

	Format 16: Culture Fisheries													
1	1 2 3 4 5 6 7 8 9 10 11 12													
Fish Type	Local Name	ocal Name Scientific Name	Scientific Name	Scientific Name	Variety	Features	Waterscape		status	Uses	Associated TK	Commercial	Other details	Community Know.
rish Type	Local Name	Scientific Name	variety	reatures	(pond/bheri/talao)	Past	Present	Uses	Associated 1 K	rearing	Other details	Holders		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

	Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products												
1	2	3	4	5	6	7	8	9					
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil					

### Format-18 Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

	<u> </u>						1	<u> </u>			
1	2	3	4	5	(	6		8	9	10	11
					Local	status	Commercial /			Other	Community
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	own use	Part collected	Associated TK	details	Knowledge Holder
Trees	Bair	Ziziphus xylocarpa	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Dhaman	Grewia optiva	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
Trees	Kiker	Acacia Nilotica	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Trees	Safeda	Eucalyptus spp.	Trees	Sub-Tropical	Rare	Abundant	own	Stem	nil	nil	Generally, held by community
Trees	Tooth	Morus alba	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Popular	Populus ciliata	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem	nil	nil	Generally, held by community
Shurbs	Trimuru	Zantho Xylum Aurmatum	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Trees	Anardana	Punica granatum	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	Thor/Shuu	Euphorbia royleana	Shurbs	Sub-Tropical	Rare	Rare	own	Stem	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	Rare	Common	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	Juglans regia	Wild	Economic, social	
2	Bhang	Cannabis sativa	Wild	Economic, social	
3	Wild anaar	Punica granatum	Wild	Economic, social	
4	Jangli gulab	Rosa maschata	Wild	Economic, Cultural	
5	Simlu	Berberis lyceum	Wild	Economic, Social, Medical purpose	
6	Kucch	Viburnum grandiflorum	Wild	Economic & Medicinal uses	

	Format-20 Aquatic Biodiversity												
1	2	3	4	5	6		7	8	9	10			
Land	Color of C. Norman	V	Local Sta		Status	T.	A tal TVZ	Other details	Community/				
Local Name	Scientific Name	Variety	reatures	навітат	Past	Present	Uses	Associated TK	Otner details	Knowledge Holder			
I	C-Li4L		elongated subcylindrical body with short										
Luss	Schizothorax spp.		blunt upper jaw , herbovorous										
			omnivorous body very long and much										
Machi	Barillius sp.		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	Aconitum heterophyllum	Herb	Medicinal uses	Common
2	Simlu	Berberis lyceum	Herb	Medicinal uses	Common
3	Banafsha	Viola odorata	Herb	Medicinal uses	Common
4	Kuth	Saussurea lappa	Herb	Medicinal uses	Common

### **Format-22 Wild Plants of Medicinal Importance**

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape /	Local	Status	Associated TK	Uros (usago)	Part used	Other details	Community/
Shrub, Tree)	Locai Name	Scientific Name	variety	Habitat	Past	Present	Associated 1 K	Uses (usage)	rart used	market/ own use	Knowledge Holder
Herb	Patrees	Aconitum heterophyllum	Herb					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Roots		
Herb	Banafsha	Viola	Herb					Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		
Herb	Kuth	Soussurea lappa	Herb					Used in treatment of cough, asthma & fever.	Root		
Climber	Dioscorea	Dioscorea deltoidea	Climber					The tubers yield diosgenin, which is used to synthesize sex hormones.	Tuber		

Shrub Sia	Simlu Berberis lyceum	Shrub		It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots		
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### Format-23 Wild Relatives of Crops

1	2	3	4	5		6	7	8	9	10	
Local Scientific		Associated crop	Landscape / Habitat	Local	Status	Uses	Part	Associated	Other details	Community / Know	
Name	Name	Associated crop	Lanuscape / Habitat	Past	Present	(usage)	Used	TK	Other details	holder	
Ban khori	Aesculas indica	Akhrot	Scattered	Available	Available		Fruit / leaves				
Jungli putna	Mentha arvensis	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	Scientific Name	Variety	Habitat	Commercial / Non- commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder						
Gandera	Nerium oleander	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,	Local	Scientific	¥7. •.4	TI-14-4	Local	Status	Uses	D. d. v. l	Associated	Other details	Community	
Shrub, Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	TK	(mode of use)	knowledge holder	
Shrub	Trimuru	Zanthoxylum	Local	Forest	Rare	Rare	use for teeth Cleaning/	Fruit, Branches	_	-	Generally, held by	
Sinuo	Timidiu	aurmatum	Local	rotest	Kaic	Raic	Medicinal Purpose	Truit, Branches	-	-	community	
Shrub	brankad	Adha toda vesica	Local	Locally present	Rare	Rare	Medicinal purpose	Flower	-	-	Generally, held by community	
Shrub	Bana	Vitex negundo	Local	Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community	
Tree	Kiker	Acacia Nilotica	Local	Forest	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community	

		Fo	ormat-26 Tim	iber Plants				
2	3		4	5	6	7	8	
Scientific Name	Habitat	Local	Status	Other Uses, if any	Associated TK	Other Details	Community/	
Scientific Nume	Habitat	Past	Present	Other Oses, if any	Associated TK Other Details	Other Details	Knowledge Holder	
Pinus roxburghii	Sub-tropical	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Community	

Roofing, furniture etc.

Roofing, furniture etc.

Roofing, furniture etc.

Roofing, furniture etc.

Whole for different uses

Whole for different uses

Whole for different uses

Whole for different uses

Communitiy/ Farmer

Knowledge holder

Knowledge holder

Knowledge holder

1

**Local Name** 

Chir

Besa

Rein

Tung

Bair

Salix Alba

Quercus Incana

Cedrus deodara

Ziziphus xylocarpa

Sub-tropical

Sub-tropical

Sub-tropical

Sub-tropical

Rare

Moderate

Rare

Rare

Rare

Moderate

Rare

Rare

	Format-27 A. Coastal and Marine Flora									
1	2	3	4	:	5	6	7	8	9	10
				Local Status		Parts Collected	Commercial Uses			
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	( if any)	( if any)	Other Uses	Associated TK	Community/ Knowledge Holder

	Format-27 B. Coastal and Marine Fauna									
1	2	3	4	:	5	6	7	8	9	10
Animal Type	animal Type Local Name Sci	Scientific Name	Habitat	Local Status		Parts Collected	Commercial Uses (if any)	Other Uses	A	Community/ Knowledge Holder
Ammai Type	Local Name	Scientific Ivame	Habitat	Past	Present	(if any)	Commercial Uses (II any)	Other eses	Associated TK	Community, Knowledge Holde

## 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		Habitat	Description	Season when	Local Status		V. (6 ) A 14 ITV	Associated TK	Mode of Hunting,	Other details	Community/
Annual Type	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	Uses (if any)	Associated IX	collecting (if any)		Knowledge Holder
Mammal	Black bear	Ursus thibetanus				Available	Available		Prohibited		Maintains forest ecosystem	
Mammal	Porcupine	Hystrix indica				Available	Available		Prohibited		Maintains forest ecosystem	
Mammal	Leopard	Panther pardus				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	House crow	Corvus splendens				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	Koel	Eudynamys scolopaceas				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	San	Aesculus indica	Tree	Sub-tropical	April-May	Common
2	kikar	Acacia nilotica	Tree	Sub-tropical	April-May	Common
3	Akhrot	Juglans regia	Tree	Sub-tropical	April-May	Common
4	Besa	Salix Alba	Tree	Sub-tropical	April-May	Common
5	Safeda	Eucalyptus globulus	Tree	Sub-tropical	April-May	Rare
6	Kainth	Pyrus paschia	Tree	Sub-tropical	April-May	Common
7	Tooth	Morus alba	Tree	Sub-tropical	April-May	Rare
8	Bhang	Cannabis sativa	Herb/ Plant	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	Reech	Ursus thibetanus	Mammals	Forest	Common				
2	Bander	Macaca Mulatta	Mammals	Forest	Common				
3	Cova	Corvus splenders	Birds	Forest	Common				
4	Asian Koel	Eudynamys scolopaceus	Birds	Forest	Common				
5	Ged	Canis aureus	Mammals	Forest	Common				
6	Manj	Babalus bubalis	Mammals	Forest	Common				

Format 31: Any other information of local importance							
1	2	3					
Sr. No.	Information of local importance	Remarks					
Nil	Nil	Nil					