

<b>Peoples' Biodiversity Register (PBR): General Details</b>	
Name of the Panchayat Samity: Bathodi	
Taluk: Kathua District: Duggain Block	
Geographical Area of the Panchayat Samity:1050 Hect	
Population under the Panchayat Samity: Total : 3330	
Male :- 2000	Female :- 1330
Habitat and Topography:Hilly area	
Climate (Rainfall, Temperature and other weather patterns) Land Use (Nine fold classification available with village records) Date, Month and Year of PBR preparation: 26-10-2020	
Management Regime: Reserve Forests (RF) / Joint Forest Management (JFM) / Protected Areas (PA) / Community Owned and Managed Forests (COM)	

## Annexure 1

### **Details of Biodiversity 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 and not less than 18% belonging to SC/ST)**

1)Name of the Chairperson: Chaman Lal

Age: 57 yrs

Gender:Male

Address:-Ward No 4 Bathodi

Area of specialization:

2) Name: Ramesh Chand

Age:48 yrs

Gender:Male

Address:-Ward No 3 Bathodi

Area of specialization

3)Name: Shiv Ram

Age:3 65 yrs

Gender:Male

Address:-Ward No 1 Bathodi

Area of specialization:

4)Name: Jai Raj

Age:42 yrs

Gender:Male

Address:-Ward No 4 Bathodi

Area of specialization:

5)Name:Rekha Devi

Age:35 yrs

Gender:Female

Address:Ward No 1 Bathodi

Area of specialization:

6)Name: Raj Kumar

Age:43 yrs

Gender:Male

Address:-Ward No 4 Bathodi

Area of specialization:

7)Name: Yodha Ram

Age:55 yrs

Gender:Male

Address:Ward No 1 Bathodi

Area of specialization:

**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 :Paras Ram

Age:60 yrs

GENDER: Male

Address:Ward No 4 Bathodi

Area of specialization:Snake Bite

Location from which the person accesses biological material: local/non local: Local

Perception of the practitioner on the resource status:less local resources available, Less

Medicinal Use:Treatment for snake bite

2) Name : Tara Chand

Age:45 yrs

GENDER: Male

Address:Ward No 4 Bathodi

Area of specialization:Fracture Bones

Location from which the person accesses biological material: local/non local: Local

Perception of the practitioner on the resource status:less local resources available, Less

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 :Shankar Dass

Age:70 yrs

Gender:Male

Address:Ward No 5, Bathodi

Area of specialization:Agriculture

2) Name :Ramesh chand

Age:48 yrs

Gender:Male

Address:Ward No 3 , Bathodi

Area of specialization:Agriculture

3) Name of the Chairperson:Beli Ram

Age:70 yrs

Gender:Male

Address:Ward No 1 Bathodi

Area of specialization:Agriculture

4) Name of the Chairperson:Shiv Ram

Age:65 yrs

Gender:Male

Address:Ward No 2 Bathodi

Area of specialization:Agriculture

**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:

**You may add names of more institutions/NGO/Individuals etc, if necessary**



**Part II**  
**PBR – Formats**  
**AGROBIODIVERSITY**  
**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	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
				/ Habitat		Past	Present							
Rice	<i>Oryza sativa</i>	Dhann	Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for “Valicha” cultivation		Kurichiya Kuruma W. Chetty
Wheat	<i>Triticum aestivum</i>	Kanak				Plenty	Plenty							
Mustard	<i>Brassica nigra</i>	Sarsoo				Plenty	Plenty							

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 ‘other details’ vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

## Format 2: Fruit Plants People's Biodiversity Register

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/	Community / Knowledge holder
					Past	Present					ownuse	
Apricot	<i>Prunus armeniaca</i>	Sadi	Wild	Agri. Land	Abundant		Available	Seeds/Plant	Mar-July	-	Own use	-
Mulberry	<i>Morus indica</i>	Toot	Wild	Agri. Land	Abundant		Available	Plant	July-Aug	-	Own use	-
Guava	<i>Psidium guajava</i>	Ambrud	Desi	Agri. Land	Available		Available	Seeds/Plant	Aug-Dec	-	Own use	-
Lime	<i>Citrus aurantifolia</i>	Nimbu	Desi	Agri. Land	Available		Abundant	Seeds/Plant	Nov-Dec	-	Own use/Market	-
Kainth	<i>Pirus serotina</i>	Kainth	Desi	Agri. Land	Abundant		Available	Seeds/Plant	Mar-July	-	Own use	-
Pomegranate	<i>Punica granatum</i>	Daduni	Local	Agri. Land	Abundant		Available	Seeds/Plant	Feb-Sep	-	Own use/Market	-
Peach	<i>Prunus persica</i>	Addu	Wild	Agri. Land	Abundant		Available	Seeds/Plant	Mar-July	-	Own use	-
Pear	<i>Pyrus communis</i>	Naakh	Wild	Agri. Land	Abundant		Abundant	Seeds/Plant	Mar-July	-	Own use	-
Plum	<i>Prunus domestica</i>	Aloochoa	Local	Agri. Land	Abundant		Available	Seeds/Plant	Mar-July	-	Own use	-
Banana	<i>Musa paradisica</i>	Kela	Desi	Agri. Land	Available		Rare	Plants	July-Aug	-	Own use	-



### 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
Sorghum	<i>Sorghum bicolor</i>	Jawar	warm climate crop	rare	rare	Agri Deptt		whole plant	use as fodder and food	
Maize	<i>Zea mays</i>									
	<i>Maize</i>	Makki	Low land valley	available	available	Agri Deptt		Green plants used as fodder .....seeds used as food	Plants used as fodder ,food	

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

### 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	Community / Knowledge holder
						Past	Present					
Shuma	local	shama	paddy	reduce production, affects growth of plants	like paddy tall and lke shrub	plenty	plenty		weedicides			
Dhnb	<i>Cyndon dactylon</i>	dhoob	maize	supress germination of seeds ....emerging while germination	grow with maize crop	plenty	plenty		pre-emerging application atrozine @ 1-1.25 kg per half of 50 % Wp			

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

### Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details
Peach,Pear,Plum, Apricot	Insect	<i>Brachycaudus helichrysi</i>	Peach Leaf Curl Aphid	Soil	Winter season	Biological/Chemical	-	-
	Insect	<i>Eriosoma lenigerum</i>	Woolly Aphid	-	Feb-April	Biological/Chemical	-	-
Peach	Insect	<i>Myzus persicae</i>	Peach green Aphid	-	Feb-May	Biological/Chemical	-	-
Citrus	Insect	<i>Aonidiella auranti</i>	Red scale	Soil	All seasons	Biological/Chemical	-	-
	Insect	<i>Phyllocnistis citrella</i>	Leafminer	-	Mar-Nov	Biological/Chemical	-	-
	Insect	<i>Psorosticha zizyphi</i>	Leaf folder	-	April-Oct	Biological/Chemical	-	-

Other details may include possible reasons for insects/animal attack



### Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M)	Types of animals bought and sold	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
no organised market in area	no organised culling	sheep	2 sheeps 2 goats	from mandi and adjoining areas of block	Local ,and adjoining areas	--	--
1)Ujj pull Mandli		goat					
2) Challa Ramkot							

**Note: [1] (D) – day; (M) – month;**

**[2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)**

9
Source of fish
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### Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features 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	276 Ha (Approx)	Agricultural Lands are Privately Owned	Crop Plants	Snakes,Jackel,Fox ,Dogs Etc	Nil	Nil	Nil	Used for raising crops and Fodder for animals	Nil	Low-Income Community
Non-Cultivated	Not Applicable	Not Applicable	Non-Cultivated	184 Ha (Approx)	Govt./Private	Plants,Some wild Plants	Insects,Cows,Fox,Dogs etc	Nil	Nil	Nil	Used for rearing Cattles	Nil	Low-Income Community
Forest Land	Not Applicable	Not Applicable	Forest Land	672 Ha (Approx)	Government	Wild Plants	Wild animals and Insects	Nil	Nil	Nil	Used for Grazing Purposes	Nil	Low-Income Community

Note: The information Filled in by the Forest Deptt. is not exhaustive and the inputs from other concerned department may be incorporated for the detailed filled up of the PBR Formats.



**Format 9: Waterscape**

1	2	3	4	5	6	7	8	9	10	11	12
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
Nallas	Nil	Tributary of Khaad's	Panchayat and Govt.Deptt.	Wild and Aquatic Plants	Frog,Tadpoles,Toad,Crab,Fishes , Water Snake etc	Not used	Farmers	Small Check Dams	For Irrigation, Sand and Gravel are used for Construction of Buildings etc	Nil	Nil
Khaads	Nil	Originates from the foothills of Mountains	Govt. and Panchayat	Wild and Aquatic Plants	Frog,Tadpoles,Fishes, Water, Water Snakes,Crabs etc	Not used	Farmers	Check Dams	For Irrigation and Drinking of Domesticated animals and Wild Animals	Nil	Nil

Note: The information Filled in by the Forest Deptt. is not exhaustive and the inputs from other concerned department may be incorporated for the detailed filled up of the PBR Formats.

<b>13</b>
<b>Community accessed</b>
Local Villagers
Local Villagers

**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
Loam Sandy	Greyish Brown	Frequent Irrigation	Recharged with tank bed silt,leafy manure,animal waste,composite	Wheat,Barley,Lantil,Mustard,Maize,and some Off-season vegetables	Fodder and Crop plants,Frog ,snakes,Jackel,Fox etc	Nil	Nil
Sandy Clay	Small Grained	Retains water	Recharged with tank bed silt,leafy manure,animal waste,composite	wheat,Barley,Lantil,Mustard,Maize, Beans and some Off-season vegetables	Fodder and Crop plants,Frog ,snakes,Jackel,Fox etc	Nil	Nil

**Format 11: Fruit Trees DOMESTICATED BIODIVERSITY**

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	Community/ Know. holder
					Past	Present					use	
Walnut	<i>Juglans regia</i>	Akhrote	Local,Kagzi	Agri. Land	Available	Abundant	Seeds/Plant	Mar-July	-		Own use/Market	
Apple	<i>Malus domestica</i>	Seb	Red Delicious,Golden Delicious	Agri. Land	Available	Rare	Plant	Mar-July	-		Own use/Market	
Lime	<i>Citrus aurantifolia</i>	Nimbu	Kagzi	Agri. Land	Available	Abundant	Seeds/Plant	Nov-Dec	-		Own use/Market	
Sweet Lime	<i>Citrus limettoides</i>	Mithu	Local	Agri. Land	Available	Rare	Seeds/Plant	Apr-May	-		Own use/Market	
Pomegranate	<i>Punica granatum</i>	Anaar	Kandhari,Ganesh	Agri. Land	Rare	Available	Seeds/Plant	Feb-Sep	-		Own use/Market	
Peach	<i>Prunus persica</i>	Addu	Local,Shane punjab	Agri. Land	Abundant	Abundant	Seeds/Plant	Mar-July	-		Own use/Market	
Pear	<i>Pyrus communis</i>	Bagugosha	Kashmiri nakh	Agri. Land	Abundant	Abundant	Seeds/Plant	Mar-July	-		Own use/Market	
Plum	<i>Prunus domestica</i>	Alubokhara	Satluj	Agri. Land	Abundant	Abundant	Seeds/Plant	Mar-July	-		Own use/Market	

**Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)**

1	2	3	4	5	6	7		8	9	10	11
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
						Past	Present				
Herb	Guchi	<i>Morchella esculanta</i>		Temperate area / Upper Shiwalik	Root	Abundant	Abundant	Medicinal and Edible use	Whole Plant	N.A	Commercial/ Own
Shrubs	Anardana	<i>Punica granatum</i>		Sub-Tropical area	Seed	Rare	Rare	Edible	Fruit	N.A	Own
Shrubs	Rasound	<i>Berberis lycum</i>		Temperate area / Upper Shiwalik	Seed	Abundant	Abundant	Medicinal Use	Roots	N.A	Commercial/ Own
Shrubs	Bareyan	<i>Acorus calamus</i>		Sub-Tropical area	Seed	Rare	Rare	Medicinal Use	Roots	N.A	Commercial/ Own

Note uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide) Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

<b>12</b>
<b>Community/ Know.</b>
Generally, held by community
Generally, held by community
Generally, held by community
Generally, held by community



**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	Banj	<i>Quercus incana</i>	Temperate areas	Abundant	Abundant	Wild	Own Use	Firewood and Timber is used	N.A	Generally, held by community
Trees	Chir	<i>Pinus roxburghii</i>	<i>Sub-Tropical area</i>	Abundant	Abundant	Wild	Own Use	Firewood and Timber is used	N.A	Generally, held by community
Trees	Popular	<i>Populus ciliata</i>	Lower shivalik	Rare	Rare	Wild	Own Use	Firewood and Timber is used	N.A	Generally, held by community
Trees	Deodar	<i>Cedrus deodara</i>	<i>Temperate areas</i>	Abundant	Abundant	Wild	Own Use	Used in making Furnitures	N.A	Generally, held by community
Trees	Shisham	<i>Dalbergia sissoo</i>	Temperate areas	Rare	Rare	Wild	Own Use	Firewood and Timber is used	N.A	Generally, held by community



**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					
Buffalo	Bhains	<i>Bubalus bubalis</i>	Local /hybrid	Black in colour ,,,High fat milk...	domesticated	available	available	Milk and dung	nutrious and complete diet	frequent	high fat %age	self observer
Cow	Gaye	<i>Bos taurus</i>	Local /hybrid	High fertility and high milk	domesticated	available	available	Milk and dung	nutrious and complete diet	yes		self observer
Ox	Bacl	<i>Bos taurus</i>	Local /hybrid	Ploughing & carriage	domesticated	available	available	plothing & Carriage		no	no	self observer
Dog	Kutta	<i>Canis lupus familiaris</i>	Local /hybrid	pet	domesticated	available	available	Guarding			no	self observer
Horse/Mule/Donkey	Ghoda /Khacher/ Khotta	<i>Equus caballu</i> <i>Equus asinus</i> × <i>Equus caballus</i> / <i>Equus asinus</i>	Local /hybrid		domesticated	available	available	Carriage /cart pulling		no	no	self observer
Cat	Billi	<i>Felis catus</i>	LOCAl	pet	domesticated	less	less				no	self observer
Poultry	Kukad	<i>Gallus gallus domesticus</i>	Local	Enriched meat flavour	backyard	abundant	decreased	Egg/meat	nil	no	Egg/meat	self observer
	Farmi Kukad		Chabro	Good eagger	backyard	very few	increased	Egg/meat	nil	no	Egg/meat	self observer
	Broiler		Hybrid	White in colour	Deep litter	very few	increased	only meat	nil	yes	only meat	self observer
Uses includemilk,meat,skin,furandetc												

### Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details
						Past	Present				
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

12
<b>Community Know. Holders</b>
NA



**Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc. WILD BIODIVERSITY**

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 Traditional Knowledge	Other details	Community Knowledge Holder
					Past	Present					
Trees	Banj	<i>Quercus incana</i>	Trees	Temperate areas	Abundant	Abundant	Own	Leaves/Stem	N.A	N.A	Generally, held by community
Trees	Deodar	<i>Cedrus deodara</i>	Trees	Temperate areas	Abundant	Abundant	Commercial / own use	Stem	N.A	N.A	Generally, held by community
Shrubs	Rasound	<i>Berberis lycum</i>	Shrubs	Temperate area / Upper Shiwalik	Abundant	Abundant	Commercial / own use	Root	used for medicinal purposes	N.A	Generally, held by community
Herbs	Kasrood	<i>Diplazium esculentum</i>	Herbs	Temperate area	Abundant	Abundant	Commercial / own use	Leaves	edible	N.A	Generally, held by community
Herbs	Saddar	<i>Urtica dioica</i>	Herbs	Temperate area	Abundant	Abundant	Commercial / own use	Leaves	used for medicinal purposes	N.A	Generally, held by community
Herbs	Muskwala	<i>Valeriana jatamansi</i>	Herbs	Temperate area	Rare	Rare	Commercial / own use	Root	N.A	N.A	Generally, held by community
Herbs	Guchi	<i>Morchella esculanta</i>	Herbs	Temperate area / Upper Shiwalik	Abundant	Abundant	Commercial / own use	Whole Part	Edible	N.A	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	Banj	<i>Quercus incana</i>		economic/social	Abundant
2	Deodar	<i>Cedrus deodara</i>		economic/social	Abundant
3	Rasound	<i>Berberis lycum</i>		economic/social	Abundant
4	Kasrood	<i>Diplazium esculentum</i>		economic/social	Abundant
5	Saddar	<i>Urtica dioica</i>		economic/social	Abundant
6	Guchi	<i>Morchella esculanta</i>		economic/social	Abundant

### 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				
Daryayi Chaahl	<i>Oxygaster bacaila</i>	Fish	cutting abdomen	slow moving nullas	Abundant	Abundant	Edible	fishermen use them as bait for other big fishes	N.A.	Generally, held by Local Fisherman
Pathrili Chaahl	<i>Barilius spp.</i>	Fish	cutting abdomen	slow moving nullas	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman
Bootal	<i>Crossocheilus diplochilus</i>	Fish	Large snout	Rivers	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman
Garoj	<i>Mastacembelus armatus</i>	Fish	Shy in nature, generally hidden under stones	Rivers	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman
Tarakla	<i>Xenentodon cancila</i>	Fish	swims like an arrow on the surface of water	slow moving nullas	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman

Other details may include mode of catching fish, time of availability, breeding time, etc

**Format 21: Wild Aquatic Plant Species of Importance**

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Waterhymes	<i>Hydrilla verticillata</i>		Resistance to high salinity in water	



**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	Kasrood	<i>Diplazium esculentum</i>		Temperate area	Abundant	Abundant	N.A	Edible	Leaves	Commercial/Own	Generally, held by community
Herb	Saddar	<i>Urtica dioica</i>		Temperate area	Abundant	Abundant	N.A	Medicinal Purpose	Leaves	Own	Generally, held by community
Herb	Muskwala	<i>Valeriana jatamansi</i>		Temperate area	Rare	Rare	N.A	Medicinal Purpose	Root	Commercial/Own	Generally, held by community
Herb	Guchi	<i>Morchella esculanta</i>		Temperate area / Upper Shiwalik	Abundant	Abundant	N.A	Edible	Whole Part	Commercial/Own	Generally, held by community

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide) Other details: Harvesting period /Perennial/annual/seasonal

**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
Jungli putna	<i>Mentha arvensis</i>	Pudina	Along the Nalla's	Abundance	Medicinal use	Leaf	Medicinal Properties		Generally, held by community
Note: Other details may include 'function as a substitute plant' in the absence of a particular plant									

**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
Kareer	<i>Rosa acicularis</i>		Lower to upper shiwalik	Non-Commercial	N.A	N.A	



**Format 26: Timber Plants**

1	2	3	4		5	6	7
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details
			Past	Present			
Banj	<i>Quercus incana</i>	Temperate areas	Abundant	Aundant	Own Use	N.A	N.A
Deodar	<i>Cedrus deodara</i>	<i>Temperate areas</i>	Abundant	Aundant	Own Use	N.A	N.A
Shisham	<i>Dalbergia sissoo</i>	<i>Temperate areas</i>	Rare	Rare	Own Use	N.A	N.A
Toon	<i>Toona cilita</i>	Temperate areas	Abundant	Aundant	Own Use	N.A	N.A

<b>8</b>
<b>Community/ Knowledge Holder</b>
Generally, held by community
Generally, held by community
Generally, held by community
Generally, held by community









**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					
Mamamls	Chitra	<i>Panthera pardus</i>	Forest	-	Winter Season	-	-	-	-	-	-	Generally, held by community
Mamamls	Hill Fox (Lomari)	<i>Vulpes alopecurus montanus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mamamls	Red Flying Squirrel	<i>Pectaurista philippens</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Chukor	<i>Alectoris graca</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Jungle Crow	<i>Corvus marcorhynchos</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	House Crow	<i>Corvus splendens</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Himalayan Tree Pie	<i>Dendrocitta formosea</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Cobra/Naag	<i>Naja naja</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Himalayan Pit Viper	<i>Viper russellii</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Mendak/meenk	<i>Rana tigrina</i>	Pond/Land	Rainy Season	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Toad/Dadu	<i>Buff melanostictus</i>	Pond/Land	Rainy Season	-	-	-	-	-	-	-	Generally, held by community

**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.)

Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

**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.)

Separate formats should be used for roadside plantation-habitat/Parks and Gardens/Housing estate/  
Commercial buildings/other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

**Format 31: Any other information of local importance**

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