

## People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:	Mangal devi-A		
Taluk:	Seri		
District:	Rajouri		
State:	J&K		
Geographical Area of the Panchayat Samiti:	1235.53 ( Acres)		
Population under the Panchayat Samiti: Total	1130		
Male	605	Female	525
Habitat and Topography:	Forest, Hilly, Natural		
Climate (Rainfall, Temperature and weather patterns)	All weather		
Land Use (Nine fold classification available with village records)			
Date, Month and Year of PBR Preparation	22/08/2020		
Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(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:	Balwant Raj
Age:	63 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Sarpanch
2) Name:	Nobat Ram
Age:	47 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Member secretary (VLW)
3)Name:	Sureshta Devi
Age:	68 Yrs
Gender:	Female
Address:	Mangal Devi-A
Area of specialization:	Member
4)Name:	Kiran Bala
Age:	42 Yrs
Gender:	Female
Address:	Mangal Devi-A
Area of specialization:	Member
5)Name:	Ashok Kumar
Age:	40 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Member
6)Name:	Prem Singh
Age:	60 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Member
7)Name:	Bishan Dass
Age:	46 yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Member
8)Name:	Vijay Kumar
Age:	58 yrs
Gender:	Male
Address:	Mangal devi-A
Area of specialization:	Member



## Annexure-2

<b>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</b>	
1) Name :	Khoja Ram S/O Amar Nath
Age:	65 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Vaid
Location from which the person accesses biological material:	All diseases
Perception of the practitioner on the resource status:	N/A
Medicinal Use:	N/A
2) Name:	Sham Lal S/O Bhagat Ram
Age:	90 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Animal treatment
Location from which the person accesses biological material:	N/A
Perception of the practitioner on the resource status:	N/A
Medicinal Use:	N/A
3) Name:	N/A
Age:	N/A
Gender:	N/A
Address:	N/A
Area of specialization:	N/A
Location from which the person accesses biological material:	N/A
Perception of the practitioner on the resource status:	N/A
Medicinal Use:	N/A

### Annexure 3

<b>List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry</b>	
1) Name of the Chairperson:	Naresh Paul
Age:	45 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:	Fisheries
2) Name of the Chairperson:	Dharam Paul
Age:	70 Yrs
Gender:	Male
Address:	Mangal Devi-A
Area of specialization:--	Agriculture
3) Name of the Chairperson:	N/A
Age:	N/A
Gender:	N/A
Address:	N/A
Area of specialization:	N/A
4) Name of the Chairperson:	N/A
Age:	N/A
Gender:	N/A
Address:	N/A
Area of specialization:	N/A

## Annexure 4

<b>Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR</b>	
1) Contact Person:	9419955626
Name and Address:	Rakesh Kumar S/O Krishan lal R/O Mangal Devi-A
Name and Address:	Anil Kumar S/O Kuldeep Raj R/O Mangal Devi-A
3) Contact Person:	N/A
Name and Address:	N/A
4) Contact Person:	N/A
Name and Address:	N/A
<b>You may add names of more institutions/NGO/Individuals etc, if necessary</b>	

## 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
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A

*End of Part I*

### Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
						Local Status	Special features							
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Past	Present	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder	
Maize	<i>Zea mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & Lower Hills		Plenty	Plenty	HYV, Resistant to Draught and lodging	Kharif	Food/ Fodder	Stapple Food	Agri. Deptt.	Farmers	
Wheat	<i>Triticum aestivum</i>	Gandham	Raj 3765, HD 2967, HD 3086	Hilly & Lower Hills		Plenty	Plenty	HYV, Draught Resistant, Short Duration	Rabi	Food / Fodder	Stapple Food	Agri. Deptt.	Farmers	
Mustard	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42% oil content	Rabi	Source of Energy	Vegetable oil extracted from seeds used in cooking	Oil for food	Agri. Deptt.	Farmers
Red Kidney Beans	<i>Phaseolus vulgaris</i>	Rajma	Local Variety	Hilly & Temprate		Rare	Normal	Medium Yielding	Kharif(May to October)	Source of Protein/Energy	Preferred food for parties as well as domestic consumption	Food	Agri. Deptt.	Farmers
Bottle Guard	<i>Lagenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg.	Khaif	Green Veg	Green Veg	Agri. Deptt./Local	Farmers	
Knol Khol	<i>Brassica Oleracea</i>	Kadam	King of Market, White Vienna, Purple Vienna	Sub tropical & intermediate		Normal	Normal	Green Leafy Veg.	Rabi	Swollen stem and leaves are consumed as vegetables	Source of minerals & energy	Agri Deptt./Local	Farmers	
Cauliflower	<i>Brassica oleracea var.botrytis</i>	Ful gobi	Pusa snow ball, Pusa katki, Girja	Sub tropical & intermediate		Normal	Normal		Rabi	Curd used as vegetable	Also good source of protein, carbohydrate, phosphorus and Iron	Agri Deptt./Local	Farmers	
Cabbage	<i>Brassica oleracea var.capitata</i>	Band Gobi	Golden Acre, Pride of India, Green Flesh	Sub tropical & intermediate		Normal	Normal	Round head green colour	Rabi	Head used as vegetable Salad	Also good source of protein, carbohydrate, phosphorus and Iron	Agri Deptt./Local	Farmers	
Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi, Pusa Early Dwarf, Manisha Plus/Local	Sub tropical & intermediate		Normal	Normal		Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamin A & C	Used as vegetable Salad, Soup	Agri Deptt./Local	Farmers



Onion	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool Weather at vegetative stage followed by warm weather at bulb stage		Normal	Normal		Rabi	Vegetable & Salad use	Good source of dietary fiber, vitamin B6, C, Pottassium and folic acid		Agri Deptt./Local	Farmers
Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri, Kufri badsha, kufri jyoti	Potato is an herbaceous annual, require cool weather, mostly rainfed condition		Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Rabi	under ground tubers are used as vegetable cgips etc.		High carbohydrate	Agri Deptt./Local	Farmers

**Format 2: Fruit Plants**

Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malda	Subtropical	Plenty	Plenty	Nurseries	June-August		Fruit, Pickling, Preserves	Marketing, own use	
Citrus fruits	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Subtropical, mid hills	Plenty	Plenty	Nurseries	through out year		Fruit, Pickling, Squashes etc.	Marketing, own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	Subtropical	Plenty	Plenty	Nurseries	July-August		Fruit	Marketing, own use	
Grapes	<i>Vitis vinifera</i>	Angoor	Local Dakh, Perlette,	Subtropical, Mid hills	Rare	Rare	Nurseries	July-August		Fruit		
Aonla	<i>Phyllanthus emblica</i>	Ambla	Local selection, NA-7	Subtropical	Plenty	Plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Marketing, own use	
Ber	<i>Zizyphus mauritiana lamk.</i>	Ber	gola, Banarasi	Subtropical	Plenty	Rare	local raised	July-August		Fruit	Own use	
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	Subtropical, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharmakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	
Peach	<i>Prunus persica(L.) batsch.</i>	Aaroo	July Elberta, Quetta	Mid hill	Rare	Rare	Nurseries	June-July		Fruit	Marketing, own use	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebco	Mid hills	Plenty	Plenty	Nurseries	June-July		Fruit	Own use	
Pecan	<i>Carya illinoensis</i>	Pecan	Western shelley	Mid hills /Temperate	Rare	Rare	Nurseries	Sept-Oct		Dry Fruit	Marketing	

Plum	<i>Prunus salicina</i>	Aaloo Bukhara	santa Rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		Fruit	Maketing , own use	
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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 like exotic	Community / Knowledge holder
						Past	Present					
Guli Danda	<i>Phalaris minor</i>	Sitti	Wheat	Compete with crop	Sub tropical / Intermediate	Plenty	Plenty	Nil	Chemical/ Manual Control	Source for high quality protein	Local	Farmers
Parathenium	<i>Parthenium hysterophorus</i>	Congress Grass	All crops	Alleopathy effect reduce yield	Sub tropical / Intermediate	Rare	Plenty	Nil	Chemical/ Manual Control	Abnoxious weed difficult to manage	exotic	Farmers
Bathua	<i>Chenopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crop for space and nutrients	Sub tropical / Intermediate	Plenty	Plenty	Leavy Vegetables	Chemical Control	Rich source of protein, Vit. A, Calcium, Phasporus and Potash	Used as green vegetable	Farmers
Wild Oats	<i>Avena spp.</i>	Jungli Javi	Wheat	Compete with main crop for space and nutrients	Sub tropical / Intermediate	Plenty	Plenty	Green fodder for animals	Chemical/ Manual Control	Source for high quality protein	Local	Farmers
Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Alleopathy effect compete with crop	Sub tropical / Intermediate	Plenty	Plenty	Psychoactive effects	Chemical/Manual Control	Intoxicating causes dehydration, nausea and headache	Local	Farmers
Barnyard grass	<i>Achinochloa crusgalli</i>	Swanki	Rice/ Maize	Compete with crops	Sub tropical / Intermediate	Plenty	Plenty	Fodder and Animals	Chemical/Manual Control	nil	Local	Farmers

Nut Grass	<i>Cyprus rotandus</i>	Dilla/Motha	Paddy, Maize, Vegetable	Perennial	Agri. & Non Agri Land	Plenty	Plenty	Fodder and Animals	Physical, Mechanical, Chemical	Nil	Traditionally used as medicine	Farmers

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	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali pundi	Sub tropical/ intermediate	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Rice	Stem borer	<i>Scirpophaga incertulas</i>	Dhain Ka-Kida	Sub tropical/ intermediate	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub tropical/ intermediate	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	<i>Agrotis spp.</i>	Makki Ka kida	Sub tropical/ intermediate	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Maize stem borer	<i>Chilo partellus</i>	Sundi	Sub tropical/ intermediate	July to Sept.	Mechanical/ Chemical Control	-	Causes dead hearts in young plants	Farmers
Maize/ Wheta	Termite	<i>Odontotermes obesus</i>	Sink	Sub tropical/ intermediate	Kharif/ Rabi	Chemical Control	-	Feed on crop leaves	Farmers
Brinjal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	Sub tropical/ intermediate	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Wheat/Maize/ Rice	Rat	<i>Tatera indica</i>	Chuha	Sub tropical/ intermediate	Kharif/ Rabi	Chemical Control	-	Feed on crop leaves	Farmers
Maize /Potato	Porcupine	<i>Erethizon dorsatum</i>	She	Sub tropical/ intermediate	Kharif/ Rabi	NA	-	Feed on Potato tubers, vegetables and crops	Farmers
Mustard	Aphide	<i>Lipaphis erysimi</i>	Aphid tilla	Sub tropical/ intermediate	Dec. -March	Chemical Control	-	-	Farmers

Other details may include possible reasons for insects/animal attack



**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

**Note: [1] (D) – day; (M) – month;**

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

### 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

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.  
 Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc  
 How the community manages the landscapes they use for satisfying different needs, their strategies and perception  
 How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

**Format 8: Landscape**

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Feature s and approx. area	Ownershi p	General flora	General fauna	User groups	Manageme nt practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements



### 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
Brown earth	Brown fine particles	Water holding capacity, porous		Kharif and rabi crops all herbicious and woody plants	Earthworm, becteria, fungi, algae, protozoa, nematodes,acarids		
Red Soil	Red	water holding capacity, anchoring property, xerophytic		Cactus species, ganira,agave	nematode, round worm, scorpion, lichen		
Sandy soil	Light grey color, coars texture	Highly porous low nutrients poor water holding exapacity		All herbicious plants, angiosperms and gymnosperms, maiz, barley, wheat, amla	Bacteria, fungi, algae, protozoa, earthworm nematodes, acarids, ant, centipede , milipede		
Clay	Light brown	Water holding capacity,anchoring property, xerophytic		ganira, agave cactus, aloe vera	Bacteria, fungi, algae, protozoa, earthworm nematodes, acarids, ant, centipede , milipede		



**Format 12: Medicinal Plants (Herbs, 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					
Tree	kamila	<i>Mallotus philippensis</i>	one	Forest	Natural	Rare	Increase	H.med	All parts	chir grarn etc	own use	30%
	Kaskain		one	Forest	Natural	Rare	Increase	H.med	All parts	chir grarn etc	own use	25%
	Mango	<i>Mangifera indica</i>	two	Local and Forest		Rare	decrease		All parts		Market Town use	
Herbs	Amla	<i>Phyllanthus emblica</i>	two	Forest	Seeds		Decrease	H.Med	All parts		Market Town use	10%
	Aloe	<i>Aloe barbadensis</i>	one	Local	natural		decrease		All parts			
	Amaltas	<i>Cassia fistula</i>	one	Forest	Seeds				All parts			
Shrubs	Ber	<i>Ziziphus mauritiana</i>	Two	Forest local	Seeds		increase	M.Med	All parts			
	Garna	<i>Carissa Spinarum</i>	one	Forest local	Natural					Chir kamila etc	own use	
	Akhrai		one	Forest	Natural		Decrease					
	Bana	<i>Vitex negundo</i>	one		Natural				all parts			

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







**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					

Uses include milk, meat, skin, fur and etc

### Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					

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





**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	Chir	<i>Pinus roxburghii</i>		Economic	
2	Amla	<i>Phyllanthus emblica</i>		Economic	
3	Kamila	<i>Mallotus philippensis</i>		Economic	
4	Khirak			Economic	
5	Faware			Economic	
6	Simbal	<i>Bombax ceiba</i>		Economic	
7	Karngal	<i>Cassia fistula</i>		Economic	

### 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				
Punta	<i>Puntius sophor</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Punta	<i>Puntius ticto</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Top	<i>Barilius vagra</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Top	<i>Barilius Bendelisis</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Lass	<i>Schizothorax spp.</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Moda	<i>Garra otyla</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
nai	<i>Glythrax spp.</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Rohu	<i>Labeo rohita</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Toad	<i>Duttaphrynus melanostictus</i>	Indigenous fauna	toad	Stream/lakes	Good	Good		-	-	-
Frog	<i>Rana spp.</i>	Indigenous fauna	Frog	Stream/lakes	Good	Good		-	-	-
Bull Frog	<i>Lithobates catesbeianus</i>	Indigenous fauna	Frog	Ponds	Good	Good		-	-	-
Snake	<i>Bungarus caeruleus</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Snake	<i>Daboia russelii</i>	fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Water hyacinth	<i>Eichhornia crassipes</i>	fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Water lettuce	<i>Pistia stratiotes</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Lucky 4- leaf clover	<i>Marsillia mutica</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-

Money wort	<i>Bacopa monnieri</i>	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Water popy	<i>Hydrocleys nymphoides</i>	Indigenous fauna	toad	Stream/lakes	Good	Good		-	-	-
Water Lily	<i>Nymphaeaceae spp.</i>	Indigenous fauna	Frog	Stream/lakes	Good	Good		-	-	-
		Indigenous fauna	Frog	Ponds	Good	Good		-	-	-

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	Lucky 4 leaf clover	<i>Marsillia mutica</i>	Aquatic Plant	-	-
2	Money wort	<i>Bacopa monnieri</i>	Aquatic Plant	-	-
3	Water Popy	<i>Hydrocleys nymphoides</i>	Aquatic Plant	-	-
4	Water Lily	<i>Nymphaeaceae spp.</i>	Aquatic Plant	-	-

### 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					
Harbs	Pudina	<i>Mentha spp.</i>		Agri. Land	Rare			H.Use	Leaf	Own Use	
Harbs	banafsha	<i>Viola odorata</i>		Forest	Increasing			H.Use	Leaf	Own Use	
Shrubs	Bhang	<i>Cannabis sativa</i>		Agri. Land	Increasing			H.Use	Leaf	Own Use	
Shrubs	Ginera			Forest	Increasing			H.Use	Leaf	Own Use	
Shrubs	Chitaak			Agri. Land	Rare			H.Use	Leaf	Own Use	
Shrubs	Poranker Adhudob			Forest	Increasing			H.Use	Leaf	Own Use	

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
				Past	Present					
Bar	<i>Ziziphus Jujube</i>	Zipus Mouritina	Wild	Good	Good	Edible Fruit	Fruit			
Kainthi	<i>Pyrus Pyrifolia</i>	Pyrus Communis	Wild	Good	Good	Edible Fruit	Fruit			
Wild Grapes	<i>Vitis vinifera</i>	Vitis	Wild	Good	Good	Edible Fruit	Fruit			
Local mango	<i>Mangifera indica</i>	Mangifera Indica	Wild	Good	Good	Edible Fruit	Fruit			

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant













**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					
Birds	Peacock	<i>Pavo cristatus</i>	Forest		Everytime		Rare					
Birds	Crow	<i>Corvus spp.</i>	Forest		Everytime		Rare					
Birds	Eagle	<i>Haliaeetus leucocephalus</i>	Forest		Everytime		Rare					
Mammals	Pig	<i>Sus spp.</i>	Forest		Everytime		Increase					
Insects	Ant.	<i>Formicidae spp.</i>	All other		Everytime		Rare					
Insects	Butterfly	<i>Rhopalocera spp.</i>	All other		Everytime		Rare					

**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.)

**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.)
1	Monkey	<i>Macaca mulatta</i>	Mammals	Forest	
2	Fox	<i>Vulpes vulpes</i>	Mammals	Forest	
3	Honey Bee	<i>Apis mellifera</i>	Insect	Forest	
4	Snake	<i>Serpentes spp.</i>	Reptiles	Forest	
5	Peacock	<i>Pavo cristatus</i>	Birds	Forest	
6	Pig	<i>Sus spp.</i>	Mammals	Forest	
7	Goats	<i>Capra aegagrus</i>	Mammals	Forest	
8	Ant.	<i>Formicidae spp.</i>	Insects	Forest	
9	Jackle	<i>Canis aureus</i>	Mammals	Forest	

**Note:** Separate format should be used for road side 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

*End of Part II*