

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti Handan

Taluka: Nowshera

District: Rajouri

State: Jammu And Kashmir

Geographical Area of the Panchayat 1008.5

Population under the Panchayat Samiti: Total 2478

Male: 1291 Female: 1187 Total: 2478

Habitat and Topography: Hilly

Climate (Rainfall, Temperature and weather patterns) Moderate

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation 2020-21

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: Satpal S/o Kartar Chand

Age:64 Yrs

Gender:Male

Address:Handan W.No. 6

Area of specialization:

2) Name: Sita Ram S/o Dewan Chand(Member)

Age: 67 Yrs

Gender: Male

Address: Handan W.No. 3

Area of specialization:

3)Name: Jasbir Kour W/o Jaspal (Women Member)

Age: 44 Yrs

Gender: Female

Address: Kanara, Handan W.No. 2

Area of specialization:

4)Name: Shokat Ali S/o Gulam Din(ST Member)

Age: 32 Yrs

Gender: Male

Address: Kanara, Handan W.No. 1

Area of specialization:

5)Name: Naveen Sharma S/o Shri Paul(Member)

Age: 29 Yrs

Gender: Male

Address: Handan W.No. 5

Area of specialization:

6)Name: Rozy Devi W/o Maneet Singh(Women Member)

Age: 24 Yrs

Gender: Female

Address: Handan W.No. 5

Area of specialization:
7)Name: Pankaj Kumar(Secretary)
Age: 31 Yrs
Gender: Male
Address: Grawari, Langer
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 :

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

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 of the Chairperson:** Mohd. Akbar S/o Makhmood

Age: 49 years

Gender: Male

Address: R/o Handan

Area of specialization: Agriculture

2) **Name of the Chairperson:** Vijay Kumar S/o Sita Ram

Age: 38 years

Gender: Male

Address: R/o Handan

Area of specialization: Live Stock

3) **Name of the Chairperson:**

Age:

Gender:

Address:

Area of specialization:

4) **Name of the Chairperson:**

Age:

Gender:

Address:

Area of specialization:

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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

End of Part I

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							
Maize	<i>Zia 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(Ma y to October)	Source of Protein/Energy	Preferred food for parties as well as domestic consumption	Food	Agri. Deptt.	Farmers
Okra	<i>Avenmoschus esculentus</i>	Bhindi	Arka, Anamika, Versha Uphar, PS, PK	Sub tropical & intermediate		Normal	Normal	Green Veg.	Kharif	Green Veg	Green Veg		Agri. Deptt./Local	Farmers
Brinjal	<i>Soianum melongena</i>	Bangun	PPL, PPC, PH4, BR 112	Sub tropical & intermediate		Normal	Normal	Green Veg.	Kharif	Green Veg	Green Veg		Agri. Deptt./Local	Farmers
Bottle Guard	<i>Legenaria 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. capi</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, Potassium 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 cips etc.		High carbohydrate	Agri Deptt./Local	Farmers
Peas	<i>Pisum Sativum</i>	Matar	Bonneville, Arkel, Local var	Grows under cool conditions, Sub tropical/ Temperate		Normal	Normal	Medium dwarf plant with green well filled pods	Rabi	Green pods are used as vegetable	high in fiber, protein, vitamins, phosphorus, magnesium, copper		Agri Deptt./Local	Farmers

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

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						
Mango	<i>Mangifera indica</i>	Amb		Subtropical	Abundant	Abundant	Natural	April - June	N/A	Fruits	N/A	Local
Guava	<i>Psidium guajava</i>	Amrood		Subtropical	Abundant	Abundant	Local	Aug - Oct	N/A	Fruits	N/A	Local
Jamun	<i>Syzygium cumini</i>	Jamun		Subtropical	Rare	Rare	Local	Summer	N/A	Fruits	N/A	Local
Amla	<i>Emblica officinalis</i>	Amla		Subtropical	Rare	Rare	Local	Winter	N/A	Fruits	N/A	Local
Ber	<i>Ziziphus mauritiana</i>	Ber		Subtropical	Abundant	Abundant	Local	Winter	N/A	Fruits	N/A	Local
Loquat	<i>Eriobotrya japonica</i>	Loquat			Abundant	Abundant		April				Local
Orange	<i>Citrus X sinensis</i>	Santra			Abundant	Abundant		Winter				Local

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					
Oats	<i>Avena Sativa</i>	Javi	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Nutrious & Palatable Fodder	Whole Part	Suitable for fodder	Farmers
Sorghum	<i>Sorghum spp</i>	Charry/Jawar	Sub tropical/Intermediate	Rare	Plenty	Agri. Deptt/ Local	Source of energy	Whole Part	Suitable for fodder	Farmers
Barseem	<i>Trifolium alexandrinum</i>	Shatala	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Nutrious & Palatable Fodder	Whole Part	Suitable for fodder	Farmers
Draink	<i>Melia azedarach</i>									
Dhaman	<i>Grewia optiva</i>									
Toot	<i>Morus alba</i>									

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>Philaris 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>Parathenium 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>Chinopodium 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>Achinocloa 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
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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/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Rice	Stem borer	<i>Scirepophaga incertulas</i>	Dhain Ka-Kida	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	<i>Myilabris Phalerata</i>	Bhundi	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	<i>Agrotis Spp</i>	Makki Ka kida	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Maize stem borer	<i>Chilo partellus</i>	Sundi	Sub tropical/ interemedite	July to Sept.	Mechanical/ Chemical Control	-	Causes dead hearts in young plants	Farmers
Maize/ Wheta	Termite	<i>Odentotermes Obesus</i>	Sink	Sub tropical/ interemedite	Kharif/ Rabi	Chemical Control	-	Feed on crop leaves	Farmers
Brinjal/ Tomato	Fruit Borer	<i>Helicoverpa/ Armigera</i>	Sundi	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Wheat/ Maize/Rice	Rat	<i>Tatera Indica</i>	Chuha	Sub tropical/ interemedite	Kharif/ Rabi	Chemical Control	-	Feed on crop leaves	Farmers
Maize /Potato	Porcupine	<i>erethizon dorsatun</i>	She	Sub tropical/ interemedite	Kharif/ Rabi	NA	-	Feed on Potato tubers, vegetables and crops	Farmers
Mustard	Aphide	<i>Lipaphis Erysimi</i>	Aphid tilla	Sub tropical/ interemedite	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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Gen (Hindu & Muslim)	Farmer & Govt. Service	-	-	-	-	-	-	-	-	-
SC & ST	Farmer & Govt. Service	-	-	-	-	-	-	-	-	-

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 Land scapes			Sub Landscape	Features and approx. area	Ownership	General flora	Genera I fauna	User groups	Managemen t practices	General uses	Associated TK	Other detail	Community accessed
Agricultural land	Pond	Fallow land											
Plain & Hilly				Slopy area with lower plains	Private & Forests	Chir, Shisham , Toon etc	-	-	-	-	-	-	-

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

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Water scape 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
Bowli	-	-	Natural	-	-	Drinking water	-	-	-	-	-	Local
Ponds	-	Stones Walls	Public	-	-	For cattle use	-	-	-	-	-	Local
Tubewells	-	-	Public & Private	-	-	Drinking & irrigation	-	-	-	-	-	Local

Examples: Ponds, Streams,Rivers,Lake,Canal,Tubewell,Dug Well Etc.

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	Asspciated Tk	Other information
Dry to Loamy	Brown		-	Wheat , maize & Bajra	-	-	-

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	Others details market/own use	Community/ Know. Holders
						Past	Present					
	Arjana	<i>Terminalia arjuna</i>		Do	do	do		heartdiseas	Seed			Local
	Bahra	<i>Terminalia ballerica</i>		do	do	do		Asthma	Seed			Local
	Retha	<i>Sapindus mukrosi</i>		do	do	do		skin prols	fruit			Local
	Khair	<i>Acacia catechu</i>		do	do	Abundant		Asthma Katha				Local
	Karangal	<i>Cassia fistula</i>		do	do	rare						Local
	Amla	<i>Emblica Officinalis</i>		do	do	Abudant		Immunity	Fruit			Local
Herb	Pudina	<i>Mentha</i>		Agriculture	plant	do		Acidity	Leaf			Local
	Aloe vera	<i>Aloe vera</i>		do	do	Rare		Face glot	Pulp			Local
	Tulsi	<i>Ocimum sanctum</i>		do	seed	rare		Lungs disorder	Leaf			Local
Shrubs	Timbroo	<i>Zanthoxylum armaturn</i>		Agriculture	do	Abudant		Acidity	Fruit			Local
	banna	<i>Vitex negandu</i>		wild	do	do			leaf			Local
	Branchar	<i>Adathoda vasica</i>		wild	seed		abundant	Syrup	seed & leaves			Local

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 14: Timber Plants/Trees

1	2	3	s	5		6	7	8	9	10
Plant Type	Local Name	Scientific name	Habitat	Local status		Wild/homegarden	Other uses (multi)	Associated TK	Others detail	Community /Know holders
				Past	Present					
Tree	Tali	<i>Dalbergia Sisso</i>	Wild	Abundant		Wild				
do	Chir	<i>Pinus roxburghii</i>	do	do		do				
do	Simbal	<i>Bombax Ceiba</i>	do	do		do				
do	Draink	<i>Melia azadarach</i>	do	do		do				
do	Tun	<i>Toona Ciliata</i>	do	do		do				
do	Safeda	<i>Eucalyptus Citroдора</i>	do	do		do				
do	bamboo	<i>Dendrocalamus strictus</i>	do	do		do				
do	Teak	<i>Tectona grandis</i>	Plants	Rare	Rare					
do	Mulberry	<i>Morus alba</i>	Plants	Plenty	Plenty					
do	Behra	<i>Terminalia bellerica</i>	Plants	Rare	Rare					

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	Bains	Bubalus Bubalis	Murrah CB	High Yielding with curved horns	Semi-Closed	Migratory	Stationed	For Mil Production	-	No	Cheese, Ghee, Butter	Tribals and ST
Cow	Gaye/Go	Bos Taurus	Jersey CB	High Yielding	Semi-Closed	Stationed	Stationed	For Mil Production		No	Do	Do
Cow	do	Do	HF CB	do	do	do	do	do		No	Do	Do
Hen	Kukar	Gallus Gallus domesticus	Local	Active in Nature, Egg Layer	Backyard Poultry unit 20 to 30 birds	-	-	For egg and meat production	-	No	Local sale for meat and egg	General, locals
Horse	Goda	Equus Caballus	Local	Muscular Torsos Body with long bushy tail	Semi-Closed	Migratory	Migratory	-	-	No	Transportation	Tribals , Locals
Dog	Kutta	Canis Lupus Familiaris	Local	Aggressive in nature	Semi-Closed	Migratory	Stationed	For protection	-	No	-	-
Goat	Bakri	<i>Capra Hercus</i>	Local/Hybrid	-	Semi-Closed	Migratory	Available	Milk, Meat	-	Yes	Meat, Milk,Hide	Farmer, Bakerwal,shepherd
Sheep	Bhed	<i>Ovisovis</i>	Local/Hybrid	-	Semi-Closed	Migratory	Available	Meat	-	Yes	Meat and wool	Farmer, Bakerwal,shepherd

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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
SI. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.	Status
1	Amla	<i>Emblica officinalis</i>		Economic,cultural	Present
2	Pepal	<i>Ficus religiosa</i>		Cultural	Present
3	Tali	<i>Dalbergia sisso</i>		Economic,	Present
4	Chir	<i>Pinus roxburghii</i>		Do	Present
5	Safeda	<i>Eucalyptus citrodora</i>		Do	Present
6	Toon	<i>Toona Ciliata</i>		Do	Present
7	Amalates	<i>Cassia fistula</i>			Present
8	Behra	<i>Terminalia bellerica</i>			Present
9	Dhaman	<i>Grewia optiva</i>			Present
10	Pine	<i>Pinus roxburghii</i>			Present

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				
Mahseer	<i>Tor tor</i>	Indigenous fauna	Bony Fishs	Streams Lakes	Good	Good	Edible			
Gold Mahseer	<i>Tor Putitora</i>	Do	Do	Do	Do	Do	Do			
Kaid	<i>Labeo dero</i>	Do	Do	Do	Do	Do	Do			
do	<i>Labeo bogo</i>	Do	Do	Do	Do	Do	Do			
Do	<i>Labeo bata</i>	Do	Do	Do	Do	Do	Do			
Punta	<i>Puntiuslanchonius</i>	Do	Do	Do	Do	Do	Do			
Do	<i>Punitus sophar</i>	Do	Do	Do	Do	Do	Do			
Do	<i>Puntius ticto</i>	Do	Do	Do	Do	Do	Do			
Top	<i>Barillus Vogra</i>	Do	Do	Do	Do	Do	Do			
Rahu	<i>Labeo rohita</i>	Do	Do	Do	Do	Do	Do			
Kinger	<i>Bagrius</i>	Do	Do	Do	Do	Do	Do			

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	Water hyacinth	<i>Eichorniacrassipes</i>	Aquaticplant	use as egg collector in breeding of fish	
2	Water lettuce	<i>Pistia stratiotes</i>	do	do	
3	Money wort	<i>Bacopa monnieri</i>	do	do	
4	Water Lily	<i>Nymphaeaceae</i>	do	do	

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	Aloe vera	<i>Aloe vera</i>		Wild	Abundant				Mod. Leaves	Own use	
	Tulsi	<i>Ocimum tenuiflorum</i>		Do	Do				leaves	Do	
	Pudina	<i>Mentha</i>		Do	Do					Own use	
	Methi	<i>Trigonella spp</i>		Agricultural	do	do			leaves	do	
Shrub	Santha	<i>Dodonaea Viscora</i>		Do	Do					Do	
	Bane	<i>Vitex negundo</i>		Do	Do					Do	
	Timbro	<i>Zantaroxyllum</i>		Do	Do					Do	
	Brenker	<i>Adatoda vesica</i>		Do	Do					Do	
Tree	Bahra	<i>Terminalia billirica</i>		Do	Do					Do	
	Krangal	<i>Cassia fistula</i>		Do	Do					Do	
	Amla	<i>Emblica Officinalis</i>		Do	Do					Do	
	Rentha	<i>Sapindus mucrosi</i>		Wild	do	do			fruit		

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 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Sicetific Name	Variety	Habitat	Commercial/Non Commercial Uses	Associated Tk	Other Details	Community/Know Holder
Silver Oak	<i>Grevillea robusta</i>		Wild/orchard	Non-commercial			
Bottle Brush	<i>Callistemon lenceolatus</i>		do	do			
Alstonia	<i>Alstonia scholaris</i>		Orchard	do			
Gulmohar	<i>Delonix regia</i>		Wild/orchard	do			
Morpankh	<i>Thuja compecta</i>		Orchard	do			
Palm	<i>Phoenix dactylifera</i>		Wild	do			
Rubber plant	<i>Ficus Elastica</i>		Orchard	Commercial			

Format 25: Fumigate/Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,Shrub,T ree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community/ Knowledge holder
					Past	Present					
Herb	Pudina	<i>Mentha arvensis</i>		Agricultural land	Abundant	Abundant	spice	Leaf		Do	
Herb	Timru	<i>xanthoxylum aramatum</i>		Wild	do	Abundant		fruit			
Do	Dania	<i>Coriandrum sativum</i>		Agricultural land	do	Abundant	do	Seeds,Leaf			

Format 26: Timber plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other uses, if any	Associated TK	Other details	Community/Knowledge holder
			Past	Present				
Tali	<i>Dalbergia Sisso</i>	Wild	Abundant					
Chir	<i>Pinus roxburghii</i>	Do	Do		Resin			
Simbal	<i>Bombax Ceiba</i>	Do	Do					
Dhraink	<i>Melia Azadarach</i>	Do	Do		Medicinal			
Toon	<i>Toona Ciliata</i>	Do	Do					
Safeda	<i>Eucalyptus citrodosa</i>	Do	Do					

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	Lizard	<i>Lacertilia</i>	Rebtile	Wild	Common
2	Snake	<i>Serpents</i>	Amphibian	do	do
3	Peacock	<i>Pavo cristatus</i>	Bird	do	do
4	Pig	<i>Sus Scrofa</i>	Mammal	do	do
5	Goat	<i>Capra aegagrus hircus</i>	do	do	do
6	Jackel	<i>Canis Aureus</i>	do	do	do
7	Snake	<i>Serpents</i>	Amphibian	do	do
8	Barking dear	<i>Muntiacus muntjack</i>	mammal	do	rare
9	Squirrel	<i>Sciuridae spp</i>		Wild	Common

Note: Separate format should be used for road side planataion - habitat/Parks and Gardens/Housingestate/ commercial buildings/ other institutional areas,Private club premises and also for Aquatic (water) habiatat and Terrestrial (land) habitat.

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
<i>End of Part II</i>		