

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Dharjhanker

Taluk/Tehsil: Dharampur

District: kathua

State/UT: Jammu And Kashmir

Geographical Area of the panchayat Samiti: 120 Hactare

Population Of the Panchayat samiti...Total 5500

Male= 2800

Female = 2700

Habitat and Topography:

Climate (Rainfall, Temperature and other weather patterns): Dry

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

Date, Month and Year of PBR preparation: 27/10/2020

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: Madan lal (9906264550)

Age: 48

Gender:male

Address: R/Osananghat TehBasohli Distt. Kathua

Area of specialization: Sarpanch

2) Name: Smt Sunita Devi (SC) (8492965083)

Age:35

Gender: Female

Address:R/O sananghat TehBasohli Distt. Kathua

Area of specialization: Ward Member

3)Name: Makhani Devi (9596882864)

Age:32

Gender: Female

Address: R/O sananghat TehBasohli Distt. Kathua

Area of specialization: Health Deptt. FMW

4)Name: Sudesh Kumar (9697648024)

Age:30

Gender: Male

Address: R/O sananghat TehBasohli Distt. Kathua

Area of specialization: Ward Member

5)Name: Kiran Balla (SC) (6006132589)

Age: 35

Gender:

Address: R/O sananghat TehBasohli Distt. Kathua

Area of specialization: Ward Member

6)Name: Pawan Singh (9906007188)

Age: 31

Gender: Male

Address: R/O sananghat TehBasohli Distt. Kathua

Area of specialization: Naib Sarpanch

7)Name: Faried Ahmed (PYT.SEC) (7051371687)

Age: 52

Gender: Male

Address: Hutt Teh Basohli distt Kathua

Area of specialization: Sec. Panchayat

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 : Kaka Ram s/o Sado Ram

Age: 70 Years

Gender: Male

Address: r/o Sananghat, Teh - Basoli Distt. Kathua

Area of specialization: Vaid

Location from which the person accesses biological material: Dharjhanker Beat

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Napa Ram s/o Lazu Ram

Age: 67 Years

Gender: Male

Address: r/o Sananghat, Teh - Basoli Distt. Kathua Ward No 1

Area of specialization: Vaid

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: Poli Devi w/o late Sh Karnail Singh

Age: 65

Gender: Female

Address: r/o Sananghat, Teh - Basoli Distt. Kathua

Area of specialization: Dai ma (Helps in child birth)

Location from which the person accesses biological material:

Perception of the practitioner on the resource status: Dharjhanker Beat

Medicinal Use:

4) Name: Titro Devi w/o Karam Chand

Age: 65 Years

Gender: Female

Address: r/o Sananghat, Teh - Basoli Distt. Kathua

Area of specialization: Dai Ma and bone specialist (Ortho)

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:** Hans Raj

Age: 70

Gender: Male

Address: Ward No 2, Nalloh Tehsil- Basoli

Area of specialization: Vegetable rearing

2) **Name of the Chairperson:** Chain Singh

Age: 55

Gender: Male

Address: r/o suchera, ward no 3, tehsil basoli

Area of specialization: Floriculture

3) **Name of the Chairperson:**

Age:

Gender:

Address:

Area of specialization:

4) **Name of the Chairperson:**

Age:

Gender:

Address:

Area of specialization:

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) **Contact Person:** Supinder Gupta (Master) (7780996854)

Name and Address: Govt Hr secondary School Sanaghat

2) **Contact Person:** Sushma Devi (9596902898)

Name and Address: Chandi Ma Group (S.H.G)

3) **Contact Person:** Surinder (9622351740)

Name and Address: Agricultural office

4) **Contact Person:** Sahil Butt (9858656526)

Name and Address: Patwar Khana Sanaghat

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

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

End of Part I

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 / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community / Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Dhaan	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
	<i>Oryza sativa</i>	Dhan, Munji	PR-113	Suitable for Sub Tropical areas . Matures in 135 -140 day approx.		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder		Suitable for Cultivation in Low land , Mid HillsAreas, Hot & Humid Climate	Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	IR-8	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	Jaya	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	Begumi	160-165 cm		Abundant	Rare	Tall in height , sweet in taste , High starch Content	June - Oct	Food Fodder	More Nutritive Value	Suitable of Plain & Mid Hills	Local	Pahari community

Wheat	<i>Triticum aestivum</i>	Kanak	HD-2967	150-155 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Raj -3077	135-140 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Raj-3765	125-130 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Sonalika	150-155 cm		Abundant	Rare	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Maize	<i>Zea mays</i>	Makk, kukri, challi, Buhтта, jobawr	Ganga Safed -2	White grain Hyb. Suitable for Sub-tropical. Matures in 95-100 days		Abundant	Abundant	High yielding Variety	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Zea mays</i>	Makk, kukri, challi, Buhтта, jabawr	Vijay	Composite Maize Yellow grain variety High Yielding Variety suitable for Mid Hills		Abundant	Abundant	High yielding Variety	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Til	<i>Seasamum indicum</i>	til	Punjab til -1	White seed Variety . Matures in 80-85 days . Plant hight 1.3-1.6 mtr.		Abundant	Abundant	High yielding Variety	June- Oct	Oil,		Suitable of Plain & Mid Hills	Agri. Deptt.	
Pulses (Mash)	<i>Vigna mungo</i>	Maa/ Mash	T-9	Matures in 85-90 days. Suitable for plain & Mid hills		Abundant	Abundant	High yielding Variety	June- Aug	Food	hight Protein contents	Suitable of Plain & Mid Hills	Agri. Deptt.	

Okra	<i>Abelmoschus esculentus Moench</i>	Bhindi	Pusa A-4	Dark green and fruit size 12-15 cm long		Abundant	Abundant	High yield Variety , tolerant to YVM and aphids, First picking starts in 45 days	Feb- March June- July (rainy season)	Food		Suitable of Plain & Mid Hills	Agri. Deptt.	
Tomato	<i>Solanum lycopersicum</i>	Tamatar,	Kashi (DVRT-2)	Plant are Green, Fruit are red , spherical medium to large sized		Abundant	Abundant	First harvest at 70-75 days after transplanting . Resistant to TLCV.	Transplanting Jan to Mid Feb	Food	Resistant to TLCV.	Suitable of Plain & Mid Hills	Agri. Deptt.	
Knol khol	<i>Brassica oleracea</i>	Kadam	Purple Vienna	Cool & moist climate		Abundant	Abundant	Matures in 70-75 days. Knobs are purplish & fleshy greenish white.	mainly as a winter crop.	As vegetable pickles.	Rich in fibre.	For early crop sandy or sandy loam soils & for late crop clay loam & silty soils are preferred.	Agri. Deptt.	
Pumpkin	<i>Cucurbita</i>						Abundant							
Cauliflower	<i>Brassica oleracea var. botrytis</i>						Rare							
Brinjal	<i>Solanum melongena</i>						Abundant							
Krela	<i>Momordica charantia</i>						Rare							

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						
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 × aurantiifolia</i>	Nimbu	Desi	Agri. Land	Available	Abundant	Seeds/Plant	Nov-Dec	-		-	
Kainth	<i>Pirus serotina</i>	Kainth	Desi	Agri. Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-	
Pomegrante	<i>Punica granatum</i>	Daduni	Local	Agri. Land	Abundant	Available	Seeds/Plant	Feb-Sep	-		-	
Aonla	<i>Phyllanthus emblica</i>	Amla	Wild	Agri. Land	Abundant	Abundant	Seeds/Plant	Oct-Dec	-	Ownuse/ 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>	Aloocha	Local	Agri. Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-	
Banana	<i>Musa paradisiaca</i>	Kela	Desi	Agri. Land	Available	Rare	Plants	July-Aug	-	Own use	-	
Orange	<i>Citrus × sinensis</i>											
Jamun	<i>Syzygium cumini</i>											
Ber	<i>Ziziphus mauritiana</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 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					
Sorghum	<i>Sorghum bicolor</i>	Jowar	Warm climate crop	Plenty	Plenty	Agri. Deptt.	Rich in protein and minerals	Part used whole plant	Soil with clay loam texture having good water retention capacity are best suitable for its cultivation	
Berssem	<i>Trifolium alexandrinum</i>	Beerseen	winter forage.	Plenty	Plenty	Agri. Deptt.	Rich in protein and minerals	Part used whole plant. Repeated cuts can be taken .	Improves physical condition of soil . It can be grown in all types of soil expect very light sandy soil	
Dhaman	<i>Grewia optiva</i>				Plenty					
Oak	<i>Quercus incana</i>				Plenty					
Sree	<i>Albizzia lebbeck</i>				Plenty					

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 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
Apple, Plum, Apricot, Peach,	Insect	<i>Quadraspidiotus perniciosus</i>	SanjoseScale	-	Fullyear	Biological/Chemical	-	-	-
Peach	Insect	<i>Myzus persicae</i>	PeachgreenAphid	-	Feb-May	Biological/Chemical	-	-	-
	Insect	<i>Aonidiella aurantii</i>	Redscale	Soil	Allseasons	Biological/Chemical	-	-	-
	Insect	<i>Phyllocnistis citrella</i>	Leafminer	-	Mar-Nov	Biological/Chemical	-	-	-
Citrus	Insect	<i>Psorosticha zizyphi</i>	Leaffolder	-	April-Oct	Biological/Chemical	-	-	-
Maize	Stem borer	<i>Chilo partellus</i>	Lurhi/Kidda	Leafplants	July onward 15-20 days of germination	Biological/Chemical insecticide	-	-	-
	Cutworm	<i>Agrotis ipsilon</i>	Lurhi/Kidda	Leafplants	July onward 15-20 days of germination		-	-	-
Vegetable	Fruitfly	<i>Bactrocera cucurbitae</i>	Titli	plants/soil	July after summer rain	Biological/Chemical insecticide	-	-	-

Other details may include possible reasons for insects/animal attack

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
General (47870)	Agriculture	Domesticated Animals & Horticulture	Land and Forest	Seasonal dependent	Traditional Management	Traditional Management	OC	Average	Mainly Farmers	957
Schedule Caste (650)	Agriculture	Domesticated Animals & Horticulture	Land and Forest	Seasonal dependent	Traditional Management	Traditional Management	SC	Socially Prevalence	Mainly Farmers	130
Schedule Tribe (48)	Domesticated Animals & Horticulture	Agriculture	Land and Forest	Seasonal dependent	Traditional Management	Traditional Management	ST	Socially Prevalence	Sheep Herders	9
Muslim (5)										3

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	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Agriculturalland			----	150.15hac.	Private and Govt	Agriculture plants/Crops and Weeds	Insect sandworms	----	Traditional agriculture practices	Food and fodder			
Forests			----	----	Govt.	Forest treeand plants/medicinal herbs	Wild animal of various kind as per topography	----	Traditional practices	Food and fodder			
Ponds			----	----	----	Watergrass/ waterlily	Frogtodds, Fishes, Crabs	----	Traditional practices	Irrigation and animal drinking			
FallowLands			Meadows	----	----	seasonalgrass	----	----	Sheepherding	Food and fodder			
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
Brownforest soil	Brownish/ silt loamto clay texture	fine granularhaving PH	useoforganicmatter/ploughing	Maize andwheat	---	---	---
		7.8to8.3					
Redand Yellow Paelzolic Soil	Coarse texture	Water holding capcityupto40%	useoforganicmatter/ploughing/ useofcattledung	Maize	---	---	---

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 use	Community/ Know. holder
						Past	Present						
Walnut	<i>Juglans regia</i>	Akhrote	Local,Kagzi Red	Agri.Land	Available	Abundant	Seeds/Plant	Mar-July	-	Own use /Market	-		
Apple	<i>Malus domestica</i>	Seb	Delicious, GoldenDelicious	Agri.Land	Available	Rare	Plant	Mar-July	-	Own use /Market	-		
Guava	<i>Psidium guajava</i>	Ambrud	49,Allahabadsafeda	Agri.Land	Rare	Available	Plant	Aug-Dec	-	Own use /Market	-		
Lime	<i>Citrus aurantifolia</i>	Nimbu	Kagzi	Agri.Land	Available	Abundant	Seeds/Plant	Nov-Dec	-	Own use /Market	-		
Sweet Orange	<i>Citrus × sinensis</i>	Mosami	Malta,Mosami	Agri.Land	Rare	Available	Seeds/Plant	Apr-Sep	-	Own use /Market	-		
Sweet Lime	<i>Citrus limettioides</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	-		
Aonla	<i>Phyllanthus emblica</i>	Amla	NA-7,Banarsi	Agri.Land	Abundant		Seeds/Plant	Oct-Dec	-	Own use /Market	-		
Peach	<i>Prunus persica</i>	Addu	Local,Shanepunjab	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	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					
Herbs	Brahmi Bhutti	<i>Centella asiatica</i>		Lower shivalik	Abundant	Abundant	N.A	Medicinal Purpose	Leaves	N.A	Commercial/Own	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>			Rare	Rare	N.A	Medicinal Purpose	Leaves	N.A	Own	
Herbs	Banfsha	<i>Viola odorata</i>			Rare	Rare	N.A	Medicinal Purpose	Flower	N.A	Commercial/Own	
Herbs	Guchi	<i>Morchella esculenta</i>			Abundant	Abundant	N.A	Medicinal Purpose	Whole Par	N.A	Commercial/Own	
	Neem	<i>Azadirachta indica</i>										
	Amla	<i>Phyllanthus emblica</i>										
	Harad	<i>Terminalia chebula</i>										
	Bhera	<i>Terminalia bellirica</i>										

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 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
Tree	Kringal	<i>Casia fistula</i>		Flower fruit	Non Commercial	N.A	N.A	N.A	Generally held by community
Tree	Gandera	<i>Nerium oleander</i>		Seed	Non Commercial	N.A	N.A	N.A	Generally held by community
Tree	Thub	<i>Erythrina indica</i>		Seed	Non Commercial	N.A	N.A	N.A	Generally held by community
Tree	Badah	<i>Salix alba</i>		Seed	Non Commercial	N.A	N.A	N.A	Generally held by community
Climber	Kareer	<i>Rosa acicularis</i>		Seed	Non Commercial	N.A	N.A	N.A	Generally held by community
Mor Pankh	Mor Pankh	<i>Thuja compacta</i>							
Bottle brush	Bottle brush	<i>Callistemon</i>							
Saru	Saru	<i>Casuarina Equisetifolia</i>							
Money plant	Money plant	<i>Epipremnum aureum</i>							
Silver oak	Silver oak	<i>Grevillea robusta</i>							

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					
Small Ruminant	Sheep	<i>Ovis aries</i>	Local ,	small size,rough coat	Conventional and Traditional					Yes	Mutton, wool Milk and skin , the Department provide all nessary medical facilities and scientific system of rearing	Yes
			Cross Breed	Large size, fine , wool , white face & white legs								
	Goat	<i>Capra Hircus</i>	Bakarwali	Large Size,with black, white grey or brown body coat								
			Desi	Small in size, shorter ears								
	Horse	<i>Equus caballus</i>										
	Cow	<i>Bos indica</i>										
	Bufallow	<i>Bubalus bubalis</i>										
	Mule	<i>Equus asinus</i> × <i>Equus caballus</i>										

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

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Aaran	<i>Prunus persica</i>	Tree	Lower shiwalik	Rare	Rare	Own	Fruit	N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>	Tree	Lower shiwalik	Rare	Rare	Own	Fruit	N.A	N.A	Generally, held by community
Tree	Chir	<i>Pinus rouxburghii</i>	Tree	<i>Sub-Tropicalarea</i>	Rare	Rare	Commercial/ Own	Stem/Resin	N.A	N.A	Generally, held by community
Tree	Guvava	<i>Psidium guajava</i>	Tree	Lowershiwalik	Rare	Rare	Own	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Popular	<i>Populus ciliata</i>	Tree	Lowershiwalik	Rare	Rare	Own	Leaves/Stem	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>	Shrubs	Sub-Tropicalarea	Abundant	Abundant	Commercial/ Own	Root	N.A	N.A	Generally, held by community
Herbs	Brahmi Bhutti	<i>Centella asiatica</i>	Herbs	Lowershiwalik	Rare		Commercial/ Own	Leaves	N.A	N.A	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>	Herbs	Lowershiwalik/ Temperate area	Rare	Rare	Own	Leaves	N.A	N.A	Generally, held by community
Herbs	Banfsha	<i>Viola odorata</i>	Herbs	Lowershiwalik/ Temperate area	Rare	Rare	Commercial/ Own	Flower	N.A	N.A	Generally, held by community
Herbs	Guchi	<i>Morchella esculanta</i>	Herbs	Lowershiwalik/ Temperate area	Abundant	Abundant	Commercial/ Own	WholePart	N.A	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	Amla	<i>Phyllanthus emblica</i>		economic/social	Rare
2	Chir	<i>Pinus roxburghii</i>		economic/social	Abundant
3	Bareyan	<i>Acorus calamus</i>		economic/social	Abundant
4	BrahmiBhutti	<i>Centella asiatica</i>		economic/social	Rare
5	Jungli putna	<i>Mentha arvensis</i>		economic/social	Rare
6	Banfsha	<i>Viola odorata</i>		economic/social	Rare
7	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				
Fish										
Frog	<i>Anura</i>									
Denu										

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
NIL	NIL	NIL	NIL	NIL	NIL

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					
Herbs	BrahmiBhutti	<i>Centella asiatica</i>		Lowershiwalik	Abundant	Abundant	N.A	Medicinal Purpose	Leaves	Commercial/Own	Generally, held by community
Herbs	Jungliputna	<i>Mentha arvensis</i>		Lowershiwalik/ Temperatearea	Rare	Rare	N.A	Medicinal Purpose	Leaves	Own	Generally, held by community
Herbs	Banfsha	<i>Viola odorata</i>		Lowershiwalik/ Temperatearea	Rare	Rare	N.A	Medicinal Purpose	Flower	Commercial/Own	Generally, held by community
Herbs	Guchi	<i>Morchella esculanta</i>		Lowershiwalik/ Temperatearea	Abundant	Abundant	N.A	Medicinal Purpose	WholePart	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
				Past	Present					
Jungli putna	<i>Mentha arvensis</i>	Putna	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 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					
Mammals	Chitra	<i>Panthera pardus</i>	Forest	-	Winter Season	-	-	-	-	-	-	Generally, held by community
Mammals	JungaliBilli	<i>Felis chaus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Mangoose	<i>Herpestidae</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Jackal	<i>Canis aureus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	FieldMouse	<i>Mus booduga</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	RedFox(Lomari)	<i>Vulpes vulpes</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	RedJungleFowl	<i>Gallus gallus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue-RockPigeon	<i>Columba livia</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	JungleCrow	<i>Corvus macrorhynchos</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	HouseCrow	<i>Corvus splendens</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue WhistlingThrush	<i>Myophonus caeruleus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	BlackHeadedMy na	<i>Sturnia pagodarum</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Moor	<i>Pavo cristatus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	TailorBird	<i>Orthotomus sutorius</i>	Forest	-	-	-	-	-	-	-	-	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.)

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
1	Ram Leela club of Sanaghat	
2	Chandi Ma Temple at Suchera Ther	

End of Part II