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 pancahayt Samiti: 120 Hactare
Population Of the Panchayat samitiTotal 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)

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

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1) Name : 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:

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
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:

Details of schools, colleges, departments, universities, government institutions, nongovernmental 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

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	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	Variety	Landscape	Approx.	Local	Status	Special features	Cropping	Uses	Associated	Other details	Source of Seeds/Plants	Community /	
Сгор		Name	variety	/ Habitat	area shown	Past	Present	special leatures	season		ТК			Knowledge Holder	
	Oryza sativa	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	
	Oryza sativa	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.		
Rice	Oryza sativa	Dhan, Munji	IR-8	Plant Height 140- 145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.		
	Oryza sativa	Dhan, Munji	Jaya	Plant Height 140- 145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.		
	Oryza sativa	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	

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

Okra	Abelmoschus esculentus Moench	Bhindi	Pusa A-4	Dark green andfruit 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	Solanum lycopersicum	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.	Transplant ing Jan to Mid Feb	Food	Resistant to TLCV.	Suitable of Plain & Mid Hills	Agri. Deptt.	
Knol khol	Brassica oleracea	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 preffered.	Agri. Deptt.	
Pumpkin	Cucurbita					Abundant							
Cauliflo wer	Brassica oleracea var. botrytis					Rare							
Brinjal	Solanum melongena				 	Abundant							
Krela	Momordica charantia					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.

					Fo	rmat 2: Fr	uit Plants					
1	1 2 3 4 5					6	7	8	9	10	11	12
Plant	Scientific Name	Logal Nama	Variaty	Landscape /	Local Status		Source of	Season of	Associated	Uses	Other details market /	Community /
riant	Scientific Maine	Local Name	Variety	Habitat	Past	Present	Seeds/Plants	Fruiting	ТК	Uses	own use	Knowledge holder
Apricot	Prunus armeniaca	Sadi	Wild	Agri. Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-	
Mulberry	Morus indica	Toot	Wild	Agri. Land	Abundant	Available	Plant	July-Aug	-	Own use	-	
Guava	Psidium guajava	Ambrud	Desi	Agri. Land	Available	Available	Seeds/Plant	Aug-Dec	-	Own use	-	
Lime	Citrus × aurantiifolia	Nimbu	Desi	Agri. Land	Available	Abundant	Seeds/Plant	Nov-Dec	-		-	
Kainth	Pirus serotina	Kainth	Desi	Agri. Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-	
Pomegrante	Punica granatum	Daduni	Local	Agri. Land	Abundant	Available	Seeds/Plant	Feb-Sep	-		-	
Aonla	Phyllanthus emblica	Amla	Wild	Agri. Land	Abundant	Abundant	Seeds/Plant	Oct-Dec	-	Ownuse/ Market	-	
Peach	Prunus persica	Addu	Wild	Agri. Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-	
Pear	Pyrus communis	Naakh	Wild	Agri. Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use	-	
Plum	Prunus domestica	Aloocha	Local	Agri. Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-	
Banana	Musa paradisica	Kela	Desi	Agri. Land	Available	Rare	Plants	July-Aug	-	Own use	-	
Orange	Citrus × sinensis											
Jamun	Syzygium cumini											
Ber	Ziziphus mauritiana											
	Otherde	tailsincludefod	derforwhich	animal,specialfe	atures, medici	nalusesifany, s	easonsofavailability,	propagationmetho	ods, collectingfro	omwildorcultiva	itedetc	

1	2	3	4	5		5		6	7	8	9	10
Dlam4	Scientific	Local	Landsons / Habitat	Local	Status	Source of	Associated	Part	Othern details	Community /		
Plant	Name	Name	Landscape / Habitat	Past	Present	Plants / Seeds	ТК	Used	Other details	Knowledge holde		
Sorghum	Sorghum bicolor	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 capcity are best suitable for its cultivation			
Berssem	Trifolium alexandrinum	Beerseen	winter forage.	Plenty	Plenty	Agri. Deptt.	Rich in protein and minerals	Part used whole plant. Repeated cuts can be taken .	Improves phyical condion of soil . It can be grown in all types of soil expect very light sandy soil			
Dhaman	Grewia optiva				Plenty							
Oak	Quercus incana				Plenty							
Sree	Albizzia lebbeck				Plenty							

					Format	4: Weed	ls					
1	2	3	4	5	6		7		9	10	11	12
Plant	Scientific Name	Local Name	Affected	Impact	Landscape /	Local	Status	Uses if any	Management options	Associated	Other details like exotic	Community / Knowledge
Tiant	Science i vanc		crop	Impact	Habitat	Past	Present		ivianagement options	ТК		holder
Bathua	Chenopodium sp	Baathu	Wheat	Broad leaf and consumed the nutrients of the plants and reduces the production	Germination in the field after 20 days	Plenty	Plenty	Nil	1.Use of weedicide		Hady and wider adoptability, multiply very fast	
Sitti	Phalaris minor	Sitti, Gehoon ka mama, Gulli Danda	Wheat	Compete with nutritions, light and space with wheat crop and reduces the productionNarrow Leav Weed	Grows with Wheat crop	Plenty	Plenty	Nil	1. Use of Weedicides metribuzinie @200Gms/ha dissolved in 500-600 1 of water		Hady and wider adoptability, multiply very fast	
Dhoob	Cynodon dactylon	Dhoob	Maize	Weed emerg with the germination with Maize seed and grow along with plants till the early growth period and cause sever crop weed compitation.	Grows with Maize crop	Plenty	Plenty		1). 2-3 Weeding follwed by earthingup. 2). pre emergence appliation Atrazine @ 1-1.25 Kg / per ha of 50% WP		Losses caused by Weeds are more during early stage than in later stages.	
Lantana	Lantana Camara											
Bhang	Cannabis sativa											
Ubad	Oryza sativa											

			F	'ormat 5: P	ests 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	Quadraspidiotus perniciosus	SanjoseScale	-	Fullyear	Biological/Chemical	-	-	-
Peach	Insect	Myzus persicae	PeachgreenAphid	-	Feb-May	Biological/Chemical	-	-	-
	Insect	Aonidiella aurantii	Redscale	Soil	Allseasons	Biological/Chemical	-	-	-
	Insect	Phyllocnistis citrella	Leafminer	-	Mar-Nov	Biological/Chemical	-	-	-
Citrus	Insect	Psorosticha zizyphi	Leaffolder	-	April-Oct	Biological/Chemical	-	-	-
Maize	Stembrorer	Chilo partellus	Lurhi/Kidda	Leafplants	Julyonward15- 20daysofgermination	Biological/ Chemicalinsecticide	-	-	-
	Cutworm	Agrotis ipsilon	Lurhi/Kidda	Leafplants	Julyonward15- 20daysofgermination		-	-	-
Vegetable	Fruitfly	Bactrocera cucurbitae	Titli	plants/soil	Julyaftersummarrain	Biological/ Chemicalinsecticide	-	-	-
			Other details may	include possibl	e reasons for insects/ani	mal attack			

			Format 6: Markets f	or Domesticated an	iimals			
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

		,		rormat /:	Peoplescape			1	1	1
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	DomesticatedAnima ls& Horticulture	LandandForest	Seasonal dependent	Traditional Management	Traditional Management	OC	Average	Mainly Farmers	957
Schedule Caste (650)	Agriculture	Domesticated Animals& Horticulture	LandandForest	Seasonal dependent	Traditional Management	Traditional Management	SC	Socially Previllage	Mainly Farmers	130
Schedule Tribe (48)	Domesticated Animals& Horticulture	Agriculture	LandandForest	Seasonal dependent	Traditional Management	Traditional Management	ST	Socially Previllage	Sheep Herders	9
Muslim (5)										3

						Format 8:	Landscape						
	1		2	3	4	5	6	7	8	9	10	11	12
Major I	andscap	es	Sub -	Feature s and	Ownership	General flora	General fauna	User	Management	General uses	Associated	Other	Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownersnip	General nora	General launa	groups	practices	General uses	ТК	details	accessed
Agricu	Agriculturalland			150.15hac.	Private and Govt	Agriculture plants/Crops and Weeds	Insect sandworms		Traditional agriculture practices	Food and fodder			
Fc	orests				Govt.	Forest treeand plants/medicinal herbs	Wild animal of various kind as per topography		Traditional practices	Food and fodder			
P	Ponds		ls			Watergrass/ waterlily	Frogtodds, Fishes, Crabs		Traditional practices	Irrigation and animal drinking			
Fallo	FallowLands		Meadows			seasonalgrass			Sheepherding	Food and fodder			
			Provid	e a brief descrip	tion of landscape	s such as forests, pla	intations, cultivated l	and, estuary	, pond, lake or ot	her elements			

					Forma	t 9: Waters	cape					
1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Ponds (20)		all seasonal	Pvt./Govt	waterplants	frog and fishes	irrigation, animal drinking		Traditional practices	irrigation, animal drinking			
Nallah (5)												
Kull (2)												

			Format 10: Soi	l 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
Drouwfornst soil	Brownish/ silt	fine granuarhaving PH	use forcer is not to (nloughing	Maize andwheat			
Brownforest soil	loamtoclay texture	7.8to8.3	useoforganicmatter/ploughing	Marze andwneat			
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	Variety	Landscape	/ Habitat	Local	Status	Source of	Season of	Uses (usage)	Associated	Other details market/own	Community/
riant Type	Local Maine	Name	v ariety	Lanuscape	e/ Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	ТК	use	Know. holder
Walnut	Juglans regia	Akhrote	Local,Kagzi Red	Agri.Land	Available	Abundant	Seeds/Plant	Mar-July	-	Own use /Market	-		
Apple	Malus domestica	Seb	Delicious, GoldenDelicious	Agri.Land	Available	Rare	Plant	Mar-July	-	Own use /Market	-		
Guava	Psidium guajava	Ambrud	49,Allahabadsafed a	Agri.Land	Rare	Available	Plant	Aug-Dec	-	Own use /Market	-		
Lime	Citrus aurantifolia	Nimbu	Kagzi	Agri.Land	Available	Abundant	Seeds/Plant	Nov-Dec	-	Own use /Market	-		
Sweet Orange	Citrus × sinensis	Mosami	Malta,Mosami	Agri.Land	Rare	Available	Seeds/Plant	Apr-Sep	-	Own use /Market	-		
Sweet Lime	Citrus limettioides	Mithu	Local	Agri.Land	Available	Rare	Seeds/Plant	Apr-May	-	Own use /Market	-		
Pomegranate	Punica granatum	Anaar	Kandhari, Ganesh	Agri.Land	Rare	Available	Seeds/Plant	Feb-Sep	-	Own use /Market	-		
Aonla	Phyllanthus emblica	Amla	NA-7,Banarsi	Agri.Land	Abundant		Seeds/Plant	Oct-Dec	-	Own use /Market	-		
Peach	Prunus persica	Addu	Local,Shanepunja b	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use /Market	-		

Pear	Pyrus communis	Bagugosh communisa	Kashmirinakh	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use /Market	-	
Plum	Prunus domestica	Alubokhar	Satluj	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use /Market	-	
Banana	Musa × paradisiaca											
Gargal	Citrus spp.											
Mango	Mangnifera indica											
Mulberry	Morus alba											

1	2	3	4	5	6	7	,	8	9	10	11	12
				Landscape/	Source of	Local status					Other details	Community/
Plant Type	Local Name	Scientific Name	Variety	Habitat	plant/seeds	Past	Present	- Uses (usage)	Part used	Associated TK	market/own use	Know. Holders
Herbs	Brahmi Bhutti	Centella asiatica		Lower shiwalik	Abundant	Abundant	N.A	Medicinal Purpose	Leaves	N.A	Commercial/Own	Generally, held by community
Herbs	Jungli putna	Mentha arvensis			Rare	Rare	N.A	Medicinal Purpose	Leaves	N.A	Own	
Herbs	Banfsha	Viola odorata			Rare	Rare	N.A	Medicinal Purpose	Flower	N.A	Commercial/Own	
Herbs	Guchi	Morchella esculenta			Abundant	Abundant	N.A	Medicinal Purpose	Whole Par	N.A	Commercial/Own	
	Neem	Azadirachta indica										
	Amla	Phyllanthus emblica										
	Harad	Terminalia chebula										
	Bhera	Terminalia bellirica										

			Format 1	3: Ornamenta	l Plants/ Trees/Clin	nbers 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	Casia fistula		Flower fruit	Non Commercial	N.A	N.A	N.A	Generally held by conmunity
Tree	Gandera	Nerium oleander		Seed	Non Commercial	N.A	N.A	N.A	Generally held by conmunity
Tree	Thub	Erythrina indica		Seed	Non Commercial	N.A	N.A	N.A	Generally held by conmunity
Tree	Badah	Salix alba		Seed	Non Commercial	N.A	N.A	N.A	Generally held by conmunity
Climber	Kareer	Rosa acicularis		Seed	Non Commercial	N.A	N.A	N.A	Generally held by conmunity
Mor Pankh	Mor Pankh	Thuja compacta							
Bottle brush	Bottle brush	Callistemon							
Saru	Saru	Casuarina Equisetifolia							
Money plant	Money plant	Epipremnum aureum							
Silver oak	Silver oak	Grevillea robusta							

				Format 1	4: Timber	Plants / Trees				
1	2	3	4		5	6	7	8	9	10
				Loca	l status	Wild/ home-	Other	Associated		
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	uses (multi)	TK	Other details	Community/ Know. holder
Banj	Quercus incana	Temperateareas		Rare	Rare	Wild	Own	N.A	N.A	Generally, held by community
Chir	Pinus rouxburghii	Sub-Tropicalarea		Abundant	Abundant	Wild	Commercial/ Own	N.A	N.A	Generally, held by community
Popular	Populus ciliata	Lowershiwalik		Rare	Rare	home- garden	Own	N.A	N.A	Generally, held by community
Tali	Dalbergia sissoo									
Jamun	Syzygium cumini									
Toona	Toona ciliata									
Symbal	Bombax cieba									
Mango	Mangnifera indica									

				Fo	ormat 15: Do	mestic	ated Anii	mals				
1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/ hybrid)	Features	Method of		Local status	Uses	Associated TK	Commercial rearing	Other details including products and	Community Know.
	Name		nybria)		keeping	Past	Present			rearing	services	Holders
			Local,	small size,rough coat								
Small	Sheep	Ovis aries	Cross Breed	Large size, fine , wool , white face & white legs	Conventional and						Mutton, wool Milk and skin, the Department	
Ruminant	Goat	Capra Hiracus	Bakarwali	Large Size, with black, white grey or brown body coat	Traditional					Yes	provide all nessary medica facilities and scientific system of rearing	Yes
		1	Desi	Small in size, shorter ears								
	Horse	Equus caballus										
	Cow	Bos indica										
	Bufallow	Bubalus bubalis										
	Mule	Equus asinus × Equus caballus										
					Uses include milk	, meat, s	kin, fur and e	etc				

	Format 16: Culture Fisheries													
1	1 2 3 4 5 6 7 8 9 10													
Fish Tune	Local Nama	Scientific Name	Variate	Fastures	Waterscape	Local	status	Laga	Agganiated TV	Commercial marring	Othor datails	Community		
Fish Type	Local Name	Scientific Name	Variety	Features	(pond/bheri/ talao)	Past	Present	Uses Associated TH		Commercial rearing	Other details	Know. Holders		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		
			NI-4-			-1								
			Note	e: Other details i	include mode of cat	ching fish, tin	ie of availabili	ity, breedi	ng time, feeds and et	c				

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

	WILD BIODIVERSITY Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.													
1	2	3	4	5		6	7	8	9	10	11			
	T 1 N	S. t. d'f. N.	H _1.4	TT-L*/	Loca	l status	Commercial /		Associated	Other	Community			
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	own use	Part collected	ТК	details	Knowledge Holder			
Tree	Aaran	Prunus persica	Tree	Lower shiwalik	Rare	Rare	Own	Fruit	N.A	N.A	Generally, held by community			
Tree	Amla	Phyllanthus emblica	Tree	Lower shiwalik	Rare	Rare	Own	Fruit	N.A	N.A	Generally, held by community			
Tree	Chir	Pinus rouxburghii	Tree	Sub-Tropicalarea	Rare	Rare	Commercial/ Own	Stem/Resin	N.A	N.A	Generally, held by community			
Tree	Guvava	Psidium guajava	Tree	Lowershiwalik	Rare	Rare	Own	Leaves/Fruit	N.A	N.A	Generally, held by community			
Tree	Popular	Populus ciliata	Tree	Lowershiwalik	Rare	Rare	Own	Leaves/Stem	N.A	N.A	Generally, held by community			
Shrubs	Bareyan	Acorus calamus	Shrubs	Sub-Tropicalarea	Abundant	Abundant	Commercial/ Own	Root	N.A	N.A	Generally, held by community			
Herbs	Brahmi Bhutti	Centella asiatica	Herbs	Lowershiwalik	Rare		Commercial/ Own	Leaves	N.A	N.A	Generally, held by community			
Herbs	Jungli putna	Mentha arvensis	Herbs	Lowershiwalik/ Temperate area	Rare	Rare	Own	Leaves	N.A	N.A	Generally, held by community			
Herbs	Banfsha	Viola odorata	Herbs	Lowershiwalik/ Temperate area	Rare	Rare	Commercial/ Own	Flower	N.A	N.A	Generally, held by community			
Herbs	Guchi	Morchella esculanta	Herbs	Lowershiwalik/ Temperate area	Abundant	Abundant	Commercial/ Own	WholePart	N.A	N.A	Generally, held by community			

Grass	Drub/Khabbal	Cyanodon dactylon	Grass	Lowershiwalik	Abundant	Abundant	Own	Leaves	N.A	N.A	Generally, held by community
	Simbal	Bombax ceiba									
	Jamun	Syzygium cumini									
	Dhaman	Grewia optiva									
	Kral	Bauhinia variegata									
	Kamila	Mallotus philippensis									
	Kambel	Lannea coromandelica									
	Pansar	Wendlandia spp.									
	Mulberry (Toot)	Morus alba									
	Bhera	Terminalia bellirica									
	Chinar	Platanus orientalis									
	Rubber Plant	Ficus elastica									
	Khajoor (Dates)	Phoenix dactylifera									

		Format 19: Wild	Plant Species of Imp	oortance	
1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Amla	Phyllanthus emblica		economic/social	Rare
2	Chir	Pinus rouxburghii		economic/social	Abundant
3	Bareyan	Acorus calamus		economic/social	Abundant
4	BrahmiBhutti	Centella asiatica		economic/social	Rare
5	Jungli putna	Mentha arvensis		economic/social	Rare
6	Banfsha	Viola odorata		economic/social	Rare
7	Guchi	Morchella esculanta		economic/social	Abundant

	Format 20: Aquatic Biodiversity													
1	2 3 4 5 6 7 8 9													
					Local	Status				Community/				
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Community/ Knowledge Holder				
Fish														
Frog	Anura													
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							

1 2 3 4 5 6 7 8 9 10 11													
1	2	3	4	5	(5	7	8	9	10	11		
Plant (Herb,	Local Name	Scientific Name	Variate	Landscape /	Local	Status	Associated		Part used	Other details	Community/		
Shrub, Tree)	Local Mame	Scientific Name	Variety	Habitat	Past	Present	ТК	Uses (usage)	rart useu	market/ own use	Knowledge Holder		
Herbs	BrahmiBhutti	Centella asiatica		Lowershiwalik	Abundant	Abundant	N.A	Medicinal Purpose	Leaves	Commercial/Own	Generally, held by community		
Herbs	Jungliputna	Mentha arvensis		Lowershiwalik/ Temperatearea	Rare	Rare	N.A	Medicinal Purpose	Leaves	Own	Generally, held by community		
Herbs	Banfsha	Viola odorata		Lowershiwalik/ Temperatearea	Rare	Rare	N.A	Medicinal Purpose	Flower	Commercial/Own	Generally, held by community		
Herbs	Guchi	Morchella esculanta		Lowershiwalik/ Temperatearea	Abundant	Abundant	N.A	Medicinal Purpose	WholePart	Commercial/Own	Generally, held by community		

	Format 23: Wild relatives of Crops													
1	2	3	4		5	6	7	8	9	10				
Local	Scientific	Associated crop	Landscape / Habitat	Local	Status	Uses	Part	Associated		Community /				
Name	Name	Associated crop	Landscape / Habitat	Past	Present	(usage)	Used	ТК	Other details	Know holder				
Jungli putna	Mentha arvensis	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 pla	int	1					

	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	Rosa acicularis		Lower touppershiwalik	Non-Commercial	N.A	N.A							
Bottle brush	Callistemon												
Mor pankh	Thuja compacta												

	Format 25: Fumigate / Chewing Plants													
1	2	3	4	5	6		7	8	9	10	11			
Plant (Herb,	Local	Scientific	N7	Habitat	Local	Status	Uses	Dentmand	Associated	Other details	Community			
Shrub, Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	ТК	(mode of use)	knowledge holder			
	Kadi Pata	Murraya koenigii		Sub- Tropical										
	Trimblu	Ficus auriculata		Sub- Tropical										
	Brankad	Justicia adhatoda		Sub- Tropical										

	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					
	Scientific Ivanie	mabitat	Past	Present	Other Oses, if any	Associated TK	Other Details	Holder					
Banj	Quercus incana	Temperate areas	Rare	Rare	Own	N.A	N.A	Generally, held by community					
Chir	Pinus rouxburghii	Sub-Tropicalarea	Abundant	Abundant	Commercial/Own	N.A	N.A	Generally, held by community					
Popular	Populus ciliata	Lower shiwalik	Rare	Rare	Own	N.A	N.A	Generally, held by community					
Mango	Mangnifera indica												
Tunu	Bombax ceiba												
Tali	Dalbergia sissoo												
Safeda	Eucalyptus												

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

	Format 27 B: Coastal and Marine Fauna									
1	2	3	4		5	6	7	8	9	10
Animal Tuna	Local Name	Scientific Name	Habitat	Local	Status	Parts	Commercial Uses	Other Uses	Associated TK	Community/
Animal Type	Local Maine	Scientific Ivanie	Habitat	Past	Present	Collected (if any)	(if any)	Other Uses	Associated TK	Knowledge Holder
						Nil				

	Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)											
1	2	3	3 4 5 6 7 8		8	9	10	11	12			
Animal Tuna	Local Name	Scientific Name	Habitat	Description	Season when	Loca	l Status	Uses (if	Associated	Mode of Hunting,	Other details	Community/
Animal Type	Local Name	Scientific Name	Haditat	Description	seen	Past	Present	any)	ТК	collecting (if any)	Other details	Knowledge Holder
Mammals	Chitra	Panthera pardus	Forest	-	Winter Season	-	-	-	-	-	-	Generally, held by community
Mammals	JungaliBilli	Felis chaus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Mangoose	Herpestidae	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Jackal	Canis aureus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	FieldMouse	Mus booduga	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	RedFox(Lomari)	Vulpes vulpes	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	RedJungleFowl	Gallus gallus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue- RockPigeon	Columba livia	Forest	-	-		-	-	-	-	-	Generally, held by community
Birds	JungleCrow	Corvus macrorhynchos	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	HouseCrow	Corvus splendens	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue WhistlingThrush	Myophonus caeruleus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	BlackHeadedMy na	Sturnia pagodarum	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Moor	Pavo cristatus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	TailorBird	Orthotomus sutorius	Forest	-	-	-	-	-	-	-	-	Generally, held by community

Birds	HouseSparrow	Passer domesticus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	TheHoopoe	Upupa epops	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	WhiteCheckedB ulbul	Pycnonotus leucogenys	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Goldernoriola	Oriolus oriolus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Cobra/Naag	Naja naja	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Krait/Sanjuth	Zamenis mucosus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Python/Sangni	Python molurus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	HimalayanPitVip er	Daboia russelii	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Mendak/meenk	Rana tigrina	Pond/Land	Rainy Season	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Toad/Dadu	Bufo Melanostictus	Pond/Land	Rainy Season	-	-	-	-	-	-	-	Generally, held by community
Animals	Monkey	Cercopithecidae										
Animals	Pig	Sus scrofa domesticus										
Animals	Rabbit	Oryctolagus cuniculus										
Animals	Sail	Istiophorus albicans										
Animals	Jungle goat	Capra aegagrus										
Reptiles	Frog	Anura										
Reptiles	Snakes	Serpentes										

	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.)			
(ote: Separat	e format should be used	for road side plantation -	habitat / Parks and Gardens / Housing estate / Commercial	L buildings/ other instituti	l onal 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