People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : Dhirti

Taluk: Panthal

District : Reasi

State: J&K

Geographical Area of the Panchayat Samiti: 5.035 sq km.

Population under the Panchayat Samiti: Total : 2364 (as per 2011 census)

Male: 1271 **Female :** 1093

Habitat and Topography: Kandi Area

Climate (Rainfall, Temperature and weather patterns): Temperature 40°C in summer and 11°C in winter

Land Use (Nine fold classification available with village records): Total area:311.6ha. Agri. Area:119.8ha&Non-agri.56.6ha

Date, Month and Year of PBR Preparation: 2110/2020

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: Ashok Kumar Sharma
Age: 48
Gender: Male
Address: R/o Dhirti
Area of specialization:
2) Name: Poli Devi
Age: 38
Gender: Female
Address: R/o Dhirti
Area of specialization:
3)Name: Renu Sharma
Age: 23
Gender: Female
Address: R/o Dhirti
Area of specialization:
4)Name: Dharminder Singh
Age: 41
Gender: Male
Address: R/o Dhirti
Area of specialization:
5)Name: Rakesh Singh
Age: 49
Gender: Male
Address: R/o Dhirti
Area of specialization:
6)Name: Nek Mohd
Age: 45
Gender: Male
Address: r/o Bari
Area of specialization:
7)Name: Mohd Akhlaq
Age: 28
Gender: Male
Address: r/o JAMMU
Area of specialization:

Annexure-2

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 : NIL
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: NIL
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: NIL
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 foresty

1) Name of the Chairperson: Subash Chander
Age: 40
Gender: Male
Address: Dhirti
Area of specialization: Farmer
2) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
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: NIL
Name and Address:
2) Contact Person: NIL
Name and Address:
3) Contact Person: NIL
Name and Address:
4) Contact Person: NIL
Name and Address:
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**							
Maize	*Zea mays*	makki		subtropical		good	good	cereal plant	may-june					
Wheat	*Triticum aestivum*	Gehu		subtropical		good	good	grain	oct-dec					
mash	*Vigna mungo*	maa		subtropical		good	good	pulses						
peas	*Vigna unguiculata*	rongi		subtropical		rare	good	pulses						
Potato	*Solanum tuberosum*	aalu		subtropical		good	good		all year					
Cabbage	*Brassica oleracea*	cabbbage		subtropical		good	good		spring					
ladyfinger	*Abelmoschus esculentus*	bhindi		subtropical		good	good		kharif					
Coriander	*Coriandrum sativum*	dhaniya		subtropical		good	good		all year					

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**						
Fruit	*Mangifera indica*	Aam	Local	Subtropical	plenty	plenty		may-sept				farmer
Fruit	*Citrus limon*	nimbu	Local	Subtropical	plenty	plenty		throughout year				farmer
Fruit	*Litchi chinensis*	litchi	Local	Subtropical	plenty	plenty		nov-dec				farmer
Fruit	*Citrus sinensis*	santra	Local	Subtropical	plenty	plenty		dec-feb				farmer
guava	*Psidium guajava*	amrood	Local	Subtropical	plenty	plenty		aug-feb				farmer

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**					
plant	*Sorghum bicolor*	Chari	subtropical	Good	Good	cereals		stems		farmer
Pearl millet	*Pennisetum glaucum*	bajra	subtropical	Good	Good					farmer

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**					
Bhang	*Cannabis sativa*	Bhang			Sub tropical	rare	plenty					

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**
Drumstick	moth	*Eupterote mollifera*	hairy caterpillar						
Vegetables	moth	*Noorda blitealis*	leaf caterpillar						
cauliflower	bug	*Aphis*	teeli						
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								

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**
SC-50%	Agriculture	Labourer								542
ST-20%	Agriculture	Labourer								
General-30%	Agriculture	Labourer								

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			**Sub - Landscapes**	**Features and approx. area**	**Ownership**	**General flora**	**General fauna**	**User groups**	**Management practices**	**General uses**	**Associated TK**	**Other details**	**Community accessed**
Agricultural land	**Pond**	**Fallow land**											
Total agricultural land				119.8 ha									
Un-irrigated area				115.3 ha									
Irrigated area by canal water				4.5 ha									
Non- agricultural land				56.6 ha									
Culturable waste land				91.5 ha									

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

Format 9: Waterscape

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**
Pond			Govt. land									
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**	**Associated TK**	**Other information**
Brown forest soil	Silt loam to clay texture	Fine Granular Dub Angular	Use of organic matter	Maize, Wheat			
Alluvial Soil	Loamy soil						
		blocky structure having Ph 7-8-8.3holding capacity more than 40 %					
		Ph 7.0-7.7 organic carbon 0.18 - 0.6N	Use of organic matter	Wheat,Paddy			

Format-11: FRUIT TREES DOMESTICATED BIODIVERSITY

1	2	3	4	5	6	7		8	9	10	11	12	13
S. No.	**Plant Type**	**Local Name**	**Scietific Name**	**Variety**	**Landscape/ Habitat**	**Local status**		**Source of Seeds/ Plants**	**Season of Fruiting**	**Uses (usages)**	**Associated TK**	**Other details maret/ own use**	**Community/ knowledge holder**
						Past	**Present**						
1	Woody Tree	Amb	*Mangifera indica*	Local, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasi.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August	Sucking, table, processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
2	Woody Tree	Lychee	*Litchi chinensis*	Dehradun, Calcutti, Seedless, Rose Scented	Sub-tropical	Good	Good	Layered plants.	March to July	Table and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
3	Woody Tree	Amrood	*Pidium guajava*	Local, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
6	Woody Tree	Mosammi	*Citrus sinensis*	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
7	Woody Tree	Sangtra	*Citrus reticulata*	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
8	Woody Tree	Nimboo	*Citrus aurantifolia*	Local, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
9	Woody Tree	Galgal	*Citrus limon*	Local	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
10	Woody Tree	Kimb	*Citrus medica*	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
11	Woody Tree	Jamiri	*Citrus jambhiri*	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	Record vailable in old books.	Own uses and sold in market	Popular in local population.
12	Woody Tree	Mithoo	*Citrus limettoides*	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
13	Woody Tree	Kumquat	*Citrus x floribunda*	Local	Sub-tropical	Good	Good	Grafted Plants	March to Jan..	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.

14	Woody Tree	Narangi	*Citrus tangerina*	Local	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Ornamental and processing.	Record vailable in old books.	Own uses	Popular in local population.
24	Woody Tree	Nakh	*Pyrus communis*	Pathar Nakh	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
25	Woody Tree	Aru	*Prunus persica*	Local, Sun Red, Florida Sun	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
31	Woody Tree	Jackfruit	*Artocarpus heterophyllus*	Local	Sub-tropical	Good	Good	Seedlings	March to July	Pickle Purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
32	Soft Tree	Papita	*Carica papaya*	Local Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Table purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.

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**					
Holy Basil	Tulsi	*Ocimum tenuiflorum*	Local	Sub-tropical	Shrubs	Good	Good	Treat respiratory problems			Own use	Farmers
Aloe vera	Aloe vera	*Aloe barbadensis*	Local	Sub-tropical		Good	Good	Treat sunburn			Own use	Farmers
Amla	Amla	*Emblica officinalis*	Local	Sub-tropical	Seedling trees grafted	Good	Good	Antioxidant		Traders and domesticated locally	Own use & sold in market	Farmers

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/ Knowledge Holder**
Bushes/	Kaner	*Thevetia peruviana*		Nurseries	Non commercial	Fevers		Flower most of the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Hibiscus	*Hibiscus rosasinensis*		Nurseries	Non commercial	Fever/ constipation		Flower throughout the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Motia	*Jasminum sambac*		Nurseries	Non commercial	Hepatitis		Flower throughout the year	Floriculturists/ Nurserymen/ Gardeners
Plant type	Marigold	*Tagetes*		Nurseries	Commercial	Skin healing	Ornamental		Gardeners

Format 14: Timber Plants / Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	**Local Name**	**Scientific Name**	**Habitat**	**Local status**		**Wild/ home- garden**	**Other uses (multi)**	**Associated TK**	**Other details**	**Community/ Know. holder**
				Past	**Present**					
Tree	Tali	*Dalbergia sissoo*	Sub-tropical	Good	Good	Wild	Treat obesity, Ulcers			Farmer
Tree	Khair	*Senegalia catechu*	Sub-tropical	Good	Good		Treat bronchial asthma		Barks and roots used	Farmer

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**					
Sheep	Bhed	*Ovis aries*	Local	small size, rough coat	Flock rearing	Least concern	Least concern	mutton, wool, manure	Yes	Yes	Bones, skin and gutt	Locals and nomads
Sheep	Bhed	*Ovis aries*	Rambouillet cross	large size, fine wool	Flock rearing	Least concern	Least concern	mutton, wool, manure	Yes	Yes	Bones, skin and gutt	Locals and nomads
Goat	Bakri	*Capra hirus*	Local	small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hair,manure	Yes	Yes	Bones, skin and gutt	Locals and nomads
Goat	Bakri	*Capra hirus*	Beetal	large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hair,manure	Yes	Yes	Bones, skin and gutt	Locals and nomads
Goat	Bakri	*Capra hirus*	Kaghani	large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hair,manure	Yes	Yes	Bones, skin and gutt	Locals and nomads
Cow	Gau	*Bos taurua*	Desi/ Jersey	Large size		good	Good	milk,ghee				Locals
Buffalo	Bhains	*Bubalus bubalis*		Large size		Good	Good	milk				Locals

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**					
Exotic Carps	Common Carp	*Cyprinus carpio*	Exotic Carp/ Scale Carp	Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protudible mouth and lips are extended like a short tube for sucking up food, hardy in nature.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts naturall as well as artifical feed.	Fish Farming Community

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

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
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	Chir	*Pinus roxburghii*	Tree	Sub -tropical	Available	Available	Own Use	Fruits		Medicinal Use	Self observed
Tree	Khair	*Accacia catechu*	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problems	Medicinal Use	Self observed
Tree	Amli	*Phyllanthus emblica*	Tree	Sub -tropical	Available	Available	Own Use	wood			Self observed
Tree	Garna	*Carissa spinarum*	Shrubs	Sub -tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Jamun	*Syzygium cumini*	Tree	Sub -tropical	Available	Available	Own Use	fruits/wood	Used for Diabetes		Self observed
Tree	Khair	*Senegelia catechu*	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood			Self observed
Tree	Santa	*Dodonaee viscosa*	Shurbs	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Talli	*Dalbergia sissoo*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Thub/Dudhruk	*Erythrina spp.*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Dhaman	*Grewia optiva*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Charmod	*Ehretia spp.*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Badh	*Ficus religiosa*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Behra	*Terminilia bellirica*	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed

Tree	Gandila	*Nerium oleander*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Draink	*Melia azadirach*	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Wood			Self observed
Tree	Harad	*Terminalia chebula*	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Amb	*Mangifera indica*	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Soyanjana	*Moringa oleifera*	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Tunnu	*Toona ciliata*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Neem	*Azadirachta indica*	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed

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	Khair	*Senegilia catechu*	Wild	Social and Economic	Available
2	Exotic Acacia	*Acacia farnesana*	Wild	Social and Economic	Available
3	Kikkar	*Acacia nilotia*	Wild	Social and Economic	Available
4	Parkanda	*Achyranthes aspera*	Wild	Social and Economic	Available
5	Bael	*Aegle marmelos*	Wild	Social and Economic	Available
6	Chaleri Saag	*Amaranthus viridis*	Wild	Social and Economic	Available
7	Neem	*Azadirachta indica*	Wild	Social and Economic	Available
8	bamboo	*Bambusa bamboos*	Wild	Social and Economic	Available
9	Bhang	*Cannabis sativa*	Wild	Social and Economic	Available
10	amer Bel	*Cuscuta reflexa*	Wild	Social and Economic	Available
11	Tali	*Dalbergia sissoo*	Wild	Social and Economic	Available
12	Dhatura	*Datura stramonium*	Wild	Social and Economic	Available
13	Baans	*Dendrocalmus*	Wild	Social and Economic	Available
14	Peepal	*Ficus religiosa*	Wild	Social and Economic	Available
15	Aam	*Magnifera indica*	Wild	Social and Economic	Available
16	drehnk	*Melia azedarach*	Wild	Social and Economic	Available
17	Congress grass	*Parthenium hysterophorus*	Wild	Social and Economic	Available
18	Amla	*Phyllanthus emblica*	Wild	Social and Economic	Available
19	Jojra	*Puplia lappacea*	Wild	Social and Economic	Available

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**				
Barrain	*Acorus calamns*		Medicinal herb	Aquatic	good	good	gastritis			
Akk	*Ipomoea carnea*		bush	Aquatic	good	good	anticancer			
Waterthyme	*Hydrilla spp*			Aquatic	good	good				
Water hyacinth	*Eichornea crassipes*			Aquatic	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	Alga belrush	*Websteria confervoides*	local		
2	Eel grass	*Vallisneria*		Improve Apetite	
3	Nutsedges	*Cyperus*		Ayurvedic medicines	

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**					
Tree	Khair	*Acacia catechu*	Wild	Sub-Tropical	Available	Available		Treats ingestion			
Tree	Kikar	*Acacia nilotica*	Wild	Sub-Tropical	Available	Available		Stop gingivitis			
Tree	Parkanda	*Achyranthes aspera*	Wild	Sub-Tropical	Available	Available		Ayurvedic medicines			
Tree	Bel	*Aegle marmelos*	Wild	Sub-Tropical	Available	Available		Treat stomach disorders			
Tree	Neem	*Azadirachata indica*	Wild	Sub-Tropical	Available	Available		used for leprosy			
Herbs	Bhang	*Cannabis sativa*	Wild	Sub-Tropical	Available	Available		treat anxiety			
Shrubs	Garna	*Carissa spinosa*	Wild	Sub-Tropical	Available	Available		gallbladder problems			
Herbs	Brahmi buti	*Centella asiatica*	Wild	Sub-Tropical	Available	Available		Respiratory problems			
Herbs	Khas khas	*Chrysopogon zizianides*	Wild	Sub-Tropical	Available	Available		Boosts immune system			
Tree	Toot	*Morus alba*	Wild	Sub-Tropical	Available	Available		Lower cholesterol			
Tree	amla	*Phyllanthus emblica*	Wild	Sub-Tropical	Available	Available		Healthy digestion			
Tree	Jamun	*Syzygium cumini*	Wild	Sub-Tropical	Available	Available		Increases haemoglobin			
Tree	Imli	*Tamarindus indica*	Wild	Sub-Tropical	Available	Available		Gallbladder problems			
Herbs	Giloe	*Tinospora sinensis*	Wild	Sub-Tropical	Available	Available		Treats diabetes			

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**					
Chaleri Saag	*Amaranthus Virdis*		Sub-Tropical	Available	Available	Easing digestion	Leaves			Farmer
Jangli Putna	*Mentha arvensis*		Sub-Tropical	Available	Available	treat indigestion	Leaves			Farmer
Wild onion	*Urginea indica*		Sub-Tropical	Available	Available	Treat skin diseaes	leaves &stem			Farmer

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	**Scientific Name**	**Variety**	**Habitat**	**Commercial/Non-commercial**	**Associated Tk**	**Other Details**	**Community/ Knowledge Holder**
Nerium	*Nerium oleander*		Terrestrial	Non commercial	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Kaner	*Thevetia peruviana*		Terrestrial	Non commercial	Fevers	Flower most of the year	Floriculturists/ Nurserymen/ Gardeners
Bogan Bael	*Bougainvillea*		Terrestrial	Non commercial	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/ Nurserymen/ Gardeners
Agave	*Agave angustifolia*		Terrestrial	Non commercial	Traditional medicines	Succulent	Floriculturists/ Nurserymen/ Gardeners
Thur	*Cactus spp*		Terrestrial Subtropical	Non commercial	Folk medicines	Thorny succulents	Floriculturists/ Nurserymen/ Gardeners

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	**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	Bhrami buti	*Centella asiatica*		Sub-Tropical	good		treat respiratory problems	leaf			Gardeners
Herb	Khas khas	*Chrysopogon Zizanoides*		Sub-Tropical	good		boosts immune system	Seeds			gardeners
Tree	Amar bel	*Cuscuta reflexa*		Sub-Tropical	good		Treats gastrointestinal problems	seeds			Gardeners
Tree	Amla	*Phyllanthus emblica*		Sub-Tropical	good		Prevent viral infections	Berries			Gardeners
Tree	Imli	*Tamarindus indica*		Sub-Tropical	Good		Stomach disorders	fruit			Gardeners
Herb	Pudina	*Mentha arvensis*		Sub-Tropical	Good		Treats stomach woes	leaves			Gardeners
Shrub	Tulsi	*Ocimum sanctum*		Sub-Tropical	Good		Ayurvedic medicines	leaves			Gardeners

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**				
Khair	*Acacia catechu*	Subtropical/ Tropical	Plenty	Plenty	Wood contains catechin and tannin			Farmers
Exotic acacia	*Acacia farnesiana*	Subtropical/ Tropical	Rare	Rare	wood			Farmers
Kala siris	*Albizia lebbeck*	Subtropical/ Tropical	Plenty	Rare	wood			Farmers
siris/ White	*Albizia procera*	Subtropical/ Tropical	Plenty	Rare	Traditional medicines			Farmers
Safeda	*Eucalyptus globulus*	Subtropical/ Tropical	Rare	Rare	Medicinal teas			Farmers
Talli	*Dalbergia sissoo*	Subtropical/ Tropical	Plenty	Plenty	Wood for shelter/ fuel wood			Farmers

Format 27 A: Coastal and Marine Flora

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					

Format 27 B: Coastal and Marine Fauna

1	2	3	4	5		6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Parts collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					

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	Chital	*Axis axis*		Orange coat with white spots		rare	rare					
Mammals	Squirrel	*Sciuridae*		medium sized rodents		Plenty	plenty					
Mammals	Jackal	*Canis aureus*				rare	plenty					
Mammals	Jungle Cat	*Felis chaus*		reed cat		rare	rare					
Mammals	Leopard	*Panthera pardus*				rare	rare					
Birds	Sparrow	*Passeridae*				plenty	plenty					
Birds	Pigeon	*Columbidae*										
Birds	Woodpecker	*Picidae*										
Mammals	Monkey	*Simiiformes*				plenty	plenty					

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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.)**

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		

End of Part II