

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Mandi Kheli

Taluk: Samba

District: Samba

State: J &K (UT)

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total 4500

Male : 2500 Female: 2000

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

**Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated
less than one third to be women and not less than 18% belonging to SC/ST)**

the Chairperson: Ravinder Singh Sambyal (Sarpanch)

lization:

Suman Bharti W/o Rakesh Azad.

le

lization:

Mukesh Rani W/o Prem Pal singh

le

lization:

Chajju ram S/o Khazan Chand

lization:

Santosh Kumar S/o Sant ram

lization:

Rohit Sambyal S/o Karan Singh

lization:

Jarnail singh S/o Jagdev Singh

lization:

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 : NA

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: NA

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Annexure 3

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

1) Name of the Chairperson: NA

Age:

Gender:

Address:

Area of specialization:

2) Name :

Age:

Gender:

Address:

Area of specialization:

3) Name :

Age:

Gender:

Address:

Area of specialization:

4) Name :

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:
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:

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
	Nil	Nil	Nil	Nil	Nil

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				Lowland Areas		Plenty	Plenty			Kharif	Fodder			
Maize				Lowland Areas		More	Less			Kharif	Fodder			
Bajra				Lowland Areas		More	Less			Kharif	Fodder			
Wheat				Lowland Areas		More	More			Rabi	Fodder			
Mustard				Lowland Areas		More	Less			Rabi	Oil Seeds			

Format-2: Fruit Plants

1	2	3	4	5	6	7		8	9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Variety	Landscape/Habitat	Local status		Source of Seeds/ Plants	Season of Fruiting	Associated TK	Uses (usages)	Other details maret/ own use	Community/ knowledge holder
						Past	Present						
1	Woody Tree	<i>Mangifera indica</i>	Amb	Wild, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasim etc.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August	Record vailable in old books.	Sucking, table, processing	Own uses and sold in market	Popular in local population.
2	Woody Tree	<i>litchi chinensis</i>	Lychee	Dehradun, Calcutti, Seedless, Rose Scented	Sub-tropical	Good	Good	Layered plants.	March to July	Introduced by traders and domesticated locally.	Table and processing	Own uses and sold in market	Popular in local population.
3	Woody Tree	<i>Pidium guajava</i>	Amrood	Wild, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
4	Climber	<i>Vitis vinifera</i>	Angoor	Wild, Perllet, Beauty Seedless	Sub-tropical	Good	Good	Cuttings	Feb. To June	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
5	Woody Tree	<i>Emblica officinalis</i>	Amla	wild, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Record vailable in old books.	Processing	Own uses and sold in market	Popular in local population.
6	Woody Tree	<i>Citrus sinensis</i>	Mosammi	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
7	Woody Tree	<i>Citrus reticlata</i>	Sangtra	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.

8	Woody Tree	<i>Citrus aurantifolia</i>	Nimboo	Wild, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
9	Woody Tree	<i>Citrus limon</i>	Galgal	Wild	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
10	Woody Tree	<i>Citrus medica</i>	Kimb	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
15	Woody Tree	<i>Zizyphus mauritiana</i>	Ber	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Record vailable in old books.	Table purposes	Own uses and sold in market	Popular in local population.
16	Woody Tree	<i>Zizyphus jujuba</i>	Phowari Ber	Wild	Sub-tropical	Good	Good	Seedlings	March to Nov.	Record vailable in old books.	Table purposes	Own uses and sold in market	Popular in local population.
18	Woody Tree	<i>Syzygium cumini</i>	Jamun	Wild	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Record vailable in old books.	Processing	Own uses and sold in market	Popular in local population.
21	Woody Tree	<i>Cordia myxa</i>	Lasooda	Wild	Sub-tropical	Good	Good	Seedlings	March to June	Record vailable in old books.	Processing purposes	Own uses and sold in market	Popular in local population.
22	Bush	<i>Carissa carandas</i>	Gerna	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
28	Woody Tree	<i>Morus alba</i>	Shahtoot	Wild, China	Sub-tropical	Good	Good	Cuttings	March to July	Introduced by traders and domesticated locally.	Table purposes, leaves for rearing Silkworms.	Own uses and sold in market	Popular in local population.
29	Woody Tree	<i>Ficus carica</i>	Fakhwari	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Introduced by traders and domesticated locally.	Table purposes.	Own uses and sold in market	Popular in local population.
32	Soft Tree	<i>Carica papaya</i>	Papita	Wild, Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Record vailable in old books.	Table purposes.	Own uses and sold in market	Popular in local population.

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					
Rice				Plenty	Plenty					
Maize				More	Less					
Bajra				More	Less					
Wheat				More	More					
Barsem				More	More					
Sorghum				More	More					

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
Maize			Lurhi						
Wheat			Chua						

FORMAT 6: Markets for Domesticated Animals

Name of the market and the location	Weekly (D)/ Fortnightly (D)/ Monthly (D)/Bi-annual(M)/ Annual(M)	Type of animals bought and sold	Types and average no. of animals transacted in a day	Place from which animals are brought	Place to which the animals are sold/ transported	Name and location of fish market	Types of fishes sold	Source of fish			
No specified market. Livestock is purchased directly from farmer's home	Weekly	Local/Crossbred Sheep & Goat	1	Local	Main Market, Samba	Does not pertain to this department					
-do-	Weekly	Local/Crossbred Sheep & Goat	1	Local	Hiranagar, Kathua						
-do-	Weekly	Local/Crossbred Sheep & Goat	1	Local	Chadwal, Kathua						
-do-	Weekly	Local/Crossbred Sheep & Goat	1	Local							

Format 8: Landscape

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											
Plains & Kandi areas			Plains	hilly as well as	Forest land, Private, state lands,	Broad leaved mainly	Domestic animals, wildlife such as porcupine, jackal etc.	Public, as well as pvt, and Govt also		Plantation and agriculture			
			Hillocks	plain terrain with gentle slope	Forest land, Private, state lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	Public, as well as pvt, and Govt also		Plantation and agriculture			
Shivalik areas			Hills	Hills with gentle slopes	Forest land, Private, state lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	Public, as well as pvt, and Govt also		Plantation and agriculture			

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
Ponds	4		Private land	kamal, Baryan,	Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Streams			Private land		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Tube well	2		Private land		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Dug wells			Private		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Canals	1		Private		Snakes		public					
Hand pumps			Private		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					

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
Alluvial sandy soi	Fine & coarse grain	rich in N,ca, fe,si					
Hill and mountaain soil	Fine & coarse grain	ca,fe,n,si, etc					
Red podozolic soil	brown,red	fe,ca,fe,n,si					
Unconsolidated boulder soil	Coarse grain, rocky	fe, si					

Format-11: Fruit Trees

1	2	3	4	5	6	7		8	9	10	11	12	13
S. No.	Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local status		Source of Seeds/ Plants	Season of Fruiting	Uses (usages)	Associated TK	Other details market/ own use	Community/ knowledge holder
						Past	Present						
1	Woody Tree	Amb	<i>Mangifera indica</i>	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	<i>litchi chinensis</i>	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	<i>Pidium guajava</i>	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.
4	Climber	Angoor	<i>Vitis vinifera</i>	Local, Perlet, Beauty Seedless	Sub-tropical	Good	Good	Cuttings	Feb. To June	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
5	Woody Tree	Amla	<i>Emblica officinalis</i>	Local, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
6	Woody Tree	Mosammi	<i>Citrus sinensis</i>	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	<i>Citrus reticlata</i>	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	<i>Citrus aurantifolia</i>	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	<i>Citrus limon</i>	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	<i>Citrus medica</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
11	Woody Tree	Narangi	<i>Citrus tangerina</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Ornamental and processing.	Record available in old books.	Own uses	Popular in local population.
12	Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
13	Woody Tree	Phowari Ber	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
14	Woody Tree	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
15	Woody Tree	Anar	<i>Punica granatum</i>	Local, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
16	Woody Tree	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to June	Processing purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
17	Bush	Gerna	<i>Carissa carandas</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
18	Woody Tree	Bill	<i>Aegle marmalos</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
19	Woody Tree	Nakh	<i>Pyrus communis</i>	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.
20	Woody Tree	Aru	<i>Prunus persica</i>	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.

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	Community/ Know.
						Past	Present					
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/Temperate area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	brankad	<i>Adha toda vesica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Drainkdu	<i>Murraya koenigii</i>		Sub-Tropical area	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativia</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Bair	<i>Ziziphus xylocarpa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bheda	<i>Terminalia bellerica</i>		Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Bill-Patre	<i>Angle mermelos</i>		Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Tree	Drankh	<i>Melia azedarach</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Harad	<i>Terminalia chebula</i>		Lower shiwalik	Seed	Abundant	Abundant	Good for digestion	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Jaman	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Kakad-Singhi	<i>Pistacia khinjuk</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Karal	<i>Bauhinia variegata</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Flower	N.A	N.A	Generally, held by community

Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	<i>Cordia dichotoma</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Mangoo	<i>Mangifera Indica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Retha	<i>Sapindus Mukorossii</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	<i>Ficus racemosa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	<i>Albizzia lebbeck</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Talli	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Trimbal	<i>Ficus auriculata</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Tuni	<i>Toona ciliata</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Arjun	<i>Terminalia arjuna</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Bheda			Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Amla	<i>Amblica officinales</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Neem	<i>Azadirachta indica</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
tree	Khair	<i>Accacia catechu</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Cannabis sativum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community

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		Commierical/ Own use	Part Collected	Associated TK	Others details	Community Knowledge Holder
					Past	Present					
Tree	Amlı	<i>Phyllanthus emblica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicinal use	Self observed
Tree	Ber	<i>Ziziphus jujuba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits		Medicinal use	Self observed
Tree	Bour	<i>Ficus benghalensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown		Self observed
Tree	Kakoa	<i>Flacourtia indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed
Tree	Dudaya	<i>Wrightia arborea</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed
Shrubs	Garna	<i>Carissa spinarum</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes		Self observed
Tree	kaam	<i>Mitragyna parvifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Kemal	<i>Lannea coromandelica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Kamla	<i>Mallotus philippensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Lucenia	<i>Leucaena spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed
Tree	Reetha	<i>Sapindus mukorossi</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits and Wood			Self observed
Shrubs	Santa	<i>Dodonaea viscosa</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Sarri	<i>Albezzia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Talli	<i>Dalbergia sisso</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Thub / Dudhruk	<i>Erythrina spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Balugar	<i>Bauhinia vahlii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Chuindi	<i>Xylosma longifolium</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed

Tree	Doss/sanan	<i>Colebrookea oppositifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Khini	<i>Ficus semicordata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kral	<i>Bauhinia variegata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/ Flowers			Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Draink	<i>Melia azedarach</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/ Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Neem	<i>Azadirachta indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Plakh	<i>Ficus virens</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/ Wood			Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	chamar sama	<i>Holoptelea integrifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	lasura	<i>Cordia myxa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	kassod	<i>Senna siamea</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Shrubs	BRANKED	<i>Justicia adhatoda</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed
Tree	KHAR	<i>Saccharum bengalense</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed
Tree	Imli	<i>Tamarandis indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Cribul		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kurri		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Narsino		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Pandal		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Rala		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Salag		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Karmroo		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Khro		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Gagerada		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	kamkam		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	kangi		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed

Tree	kenye/kenyo		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	lanyan		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Karkai/katkai		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Gamai		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kalam/kalen		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Karmanglu		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Tanda		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Amity		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Gangara		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kavita		Tree	Sub - Tropical	Available	Available	Own Use	Wood			Self observed

Format 19: Wild Plant Specieis of Importance

1	2	3	4	5	6
SI. No	Local Name	Scientific Name	Variety	Importance(as economic, social, cultural etc.)	Status
	Exotic acacia	<i>Acacia farnesiana</i>	Wild	Social and Economic	Available
	Phulai or Fly	<i>Acacia modesta</i>	Wild	Social and Economic	Available
	Kikar	<i>Acacia nilotica</i>	Wild	Social and Economic	Available
	Bel	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
	Bamboo	<i>Bambusa bambos</i>	Wild	Social and Economic	Available
	Bamboo	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
	Plaah	<i>Butea monosperma</i>	Wild	Social and Economic	Available
	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
	Chilla	<i>Casearia tomentosa</i>	Wild	Social and Economic	Available
	Krangal	<i>Cassia fistula</i>	Wild	Social and Economic	Available
	Mainphal	<i>Catunaregum spinosa</i>	Wild	Social and Economic	Available
	Aajan Grass	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
	Baans	<i>Dendrocalamus strictus</i>	Wild	Social and Economic	Available

	Palain	<i>Dichanthium annulatum</i>	Wild	Social and Economic	Available
	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
	Safeda	<i>Eucalyptus camaldulensis</i>	Wild	Social and Economic	Available
	Thor	<i>Euphorbia royleana</i>	Wild	Social and Economic	Available
	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
	Badh or Pipal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
	Kanphuta	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
	Lamb grass	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
	Aakh	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
	Chameli	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
	Kamila	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
	Congress Grass or Jari	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
	Basant panchami	<i>Reinwardtia indica</i>	Wild	Social and Economic	Available
	Kai	<i>Saccharum spontaneum</i>	Wild	Social and Economic	Available
	Bari kasondi	<i>Senna occidentalis</i>	Wild	Social and Economic	Available
	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
	Tunu	<i>Toona ciliata</i>	Wild	Social and Economic	Available
	Jiyo	<i>Trema orientalis</i>	Wild	Social and Economic	Available
	Cribul		Wild	Social and Economic	Available
	Kurri		Wild	Social and Economic	Available
	Salag		Wild	Social and Economic	Available
	Drink		Wild	Social and Economic	Available

	Rehn		Wild	Social and Economic	Available
	chamar sama		Wild	Social and Economic	Available

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	Others details market/own use	Community/ Knowledge Holder
					Past	Present					
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub-tropical	Available	Available					
Tree	Phulai or Fly	<i>Acacia modesta</i>	Wild	Sub-tropical	Available	Available					
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-tropical	Available	Available					
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-tropical	Available	Available					
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-tropical	Available	Available					
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-tropical	Available	Available					
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinarum</i>	Wild	Sub-tropical	Available	Available					
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-tropical	Available	Available					
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-tropical	Available	Available					
Herbs	Khas Khas	<i>Chrysopogon zizanoides</i>	Wild	Sub-tropical	Available	Available					
Tree	Kapoor	<i>Cinnamomum camphora</i>	Wild	Sub-tropical	Available	Available					
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-tropical	Available	Available					
Tree	Rumble	<i>Ficus racemosa</i>	Wild	Sub-tropical	Available	Available					
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub-tropical	Available	Available					
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-tropical	Available	Available					
Tree	Imli	<i>Tamarindus indica</i>	Wild	Sub-tropical	Available	Available					
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-tropical	Available	Available					

Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-tropical	Available	Available					
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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
Kachnar	<i>Bauhinia purpurea</i>	Wild	Forest/Roadside	Both			
Gulmohar	<i>Delonix regia</i>	Wild	Forest/Roadside	Non-commercial			
Plah		Wild	Forest/Roadside	Non-commercial			
Amaltas		Wild	Forest/Roadside	Non-commercial			
Raat Ki Rani		Wild	Forest/Roadside	Non-commercial			
Bougan Villa		Wild	Forest/Roadside	Non-commercial			
Acacia Galaka		Wild	Forest/Roadside	Non-commercial			
Wild Rose		Wild	Forest/Roadside	Non-commercial			
Gandilla		Wild	Forest/Roadside	Non-commercial			

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	<i>Acacia catechu</i>							
Phulai or Fly	<i>Acacia modesta</i>							
Kikar	<i>Acacia nilotica</i>							
Kala Siris	<i>Albizia lebbek</i>							
Safed siris	<i>Albizzia procera</i>							
Seski	<i>Artemisia parviflora</i>							
Kathal	<i>Artocarpus heterophyllus</i>							
Nad	<i>Arundo donax</i>							
Neem	<i>Azadirachta indica</i>							
Kachnar	<i>Bauhinia purpurea</i>							
Baloonger	<i>Bauhinia vahlii</i>							
Kachnar	<i>Bauhinia variegata</i>							
Simbal	<i>Bombax ceiba</i>							
Jungli toot	<i>Broussonetia papyrifera</i>							
PlaaH	<i>Butea monosperma</i>							
Bhang	<i>Cannabis sativa</i>							
Garna	<i>Carissa spinarum</i>							
Chilla	<i>Casearia tomentosa</i>							
Krangal	<i>Cassia fistula</i>							
Mainphal	<i>Catunaregum spinosa</i>							
Karun	<i>Chenopodium murale</i>							
Kapoor	<i>Cinnamomum camphora</i>							
Bhus	<i>Cirsium arvense</i>							

Sanali or Dussa	<i>Colebrookea oppositifolia</i>							
Safeda	<i>Corymbia citriodora</i>							
Barna	<i>Crateva religiosa</i>							
Amar Bel	<i>Cuscuta reflexa</i>							
Shudri	<i>Cynoglossum lanceolatum</i>							
Deela	<i>Cyperus rotundus</i>							
Tali	<i>Dalbergia sissoo</i>							
Dhatura	<i>Datura stramonium</i>							
Baans	<i>Dendrocalamus strictus</i>							
Palain	<i>Dichanthium annulatum</i>							
Sadhun	<i>Dioscorea melanophyma</i>							
Santha	<i>Dodonaea viscosa</i>							
Duranta	<i>Duranta erecta</i>							
Chamror	<i>Ehretia acuminata</i>							
Chamror	<i>Ehretia laevis</i>							
Dhol Dhak	<i>Erythrina suberosa</i>							
Pangara	<i>Erythrina variegata</i>							
Bubbeain	<i>Eulaliopsis binata</i>							
Thor	<i>Euphorbia royleana</i>							
Trimbal	<i>Ficus auriculata</i>							
Bohr	<i>Ficus benghalensis</i>							
Fagora	<i>Ficus palmata</i>							
Rumble	<i>Ficus racemosa</i>							
Badh or Pipal	<i>Ficus religiosa</i>							
Kakoa	<i>Flacourtia indica</i>							
Kanphuta	<i>Flemingia chappar</i>							
Bhattani	<i>Gomphrena celosioides</i>							
Dhaman	<i>Grewia optiva</i>							
Lamb grass	<i>Heteropogon contortus</i>							
Aakh	<i>Ipomoea carnea</i>							

Kharpoway	<i>Ipomoea purpurea</i>							
Chameli	<i>Jasminum officinale</i>							
Brenker	<i>Justicia adhatoda</i>							
Kembal	<i>Lannea coromandelica</i>							
Panjphuli	<i>Lantana camara</i>							
Mithu grass	<i>Lathyrus sativus</i>							
Kamila	<i>Mallotus philippensis</i>							
Baryar	<i>Malvastrum coromandelianum</i>							
Aam	<i>Mangifera indica</i>							
Drehnk	<i>Melia azedarach</i>							
Kaam	<i>Mitragyna parvifolia</i>							
Toot	<i>Morus alba</i>							
Khajoor	<i>Phoenix sylvestris</i>							
Amla	<i>Phyllanthus emblica</i>							
Chir	<i>Pinus roxburghii</i>							
Daduni	<i>Punica granatum</i>							
Jojra	<i>Pupalia lappacea</i>							
Basant panchami	<i>Reinwardtia indica</i>							
Arnid	<i>Ricinus communis</i>							
Junglee Palak	<i>Rumex hastatus</i>							
Khar	<i>Saccharum bengalense</i>							
Kai	<i>Saccharum spontaneum</i>							
Reetha	<i>Sapindus mukorossi</i>							
Bari kasondi	<i>Senna occidentalis</i>							
Kassod	<i>Senna siamea</i>							
Cassia	<i>Senna sulfurea</i>							
Panwar	<i>Senna tora</i>							
Kayan Kothi	<i>Solanum americanum</i>							
Ban tamakoo	<i>Solanum erianthum</i>							

Jamun	<i>Syzygium cumini</i>							
Imli	<i>Tamarindus indica</i>							
Phul dudi	<i>Tarxacum campylodes</i>							
Arjun	<i>Terminalia arjuna</i>							
Bahera	<i>Terminalia bellirica</i>							
Harar	<i>Terminalia chebula</i>							
Tunu	<i>Toona ciliata</i>							
Jiyo	<i>Trema orientalis</i>							
Pakhra	<i>Tribulus terrestris</i>							
Kayalu	<i>Tulipa chusiana</i>							
Bachita	<i>Urena lobata</i>							
Pansar	<i>Wendlandia exserta</i>							
Dhain	<i>Woodfordia floribunda</i>							
Dudhi	<i>Wrightia arborea</i>							
Jojera	<i>Xanthium strumarium</i>							
Ber	<i>Ziziphus jujuba</i>							
Cribul								
Kurri								
Narsino								
Pandal								
Rala								
Tai								
Salag								
Karmroo								
Khro								
Gagerada								
Tottery								
kamkam								
kangi								
kenye/kenyo								

lanyan								
Karkai/katkai								
Gamai								
Kalam/kalen								
Karmanglu								
Tanda								
no name								
mankarahan								
Amity								
Banhadma								
Gangara								
Kavita								
Balugar								
Chuindi								
Doss/sanan								
Khini								
Kral								
Lana								
Dhaman								
Charmod								
Badh								
Behra								
Bilan								
Gandila								
Gulmorh								
Oanni								
Rumble								
Draink								
Harad								
Amb								

Soyanjana								
Tunnu								
Neem								
Plakh								
Rehn								
chamar sama								
lasura								
kassod								
tantary								
KHAR								
Sagwan								
Imli								
Popular								

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.)
1	<i>kikar</i>	<i>Acacia nilotica</i>	Broad leave	sub tropical	summer	Common
2	<i>Mangoo</i>	<i>Mangifera indica</i>	Broad leave	sub tropical	summer	Common
3	<i>Safeda</i>	<i>Eucalyptus spp.</i>	Broad leave	sub tropical	summer	Common
4	<i>Sree</i>	<i>Albizzia lebbeck</i>	Broad leave	sub tropical	summer	Common
5	<i>Talli</i>	<i>Dalbergia sissoo</i>	Broad leave	sub tropical	summer	Common
7	<i>Popular</i>	<i>Populus ciliata</i>	Broad leave	sub tropical	summer	Common
9	<i>Jammun</i>	<i>Syzigium cummni</i>	Broad leave	sub tropical	summer	Common

Format 30: Fauna

1	2	3	4	5	6
S.No	Local Name	Scientific Name	Type of Animals(Mammals /Birds/Fish/Insects etc.)	Habitat	Remarks(Rare/ common etc.
1	Cow		Mammals	Terrestrial	Common
2	Buffalow		Mammals	Terrestrial	Common
3	Sheep		Mammals	Terrestrial	Common
4	Goat		Mammals	Terrestrial	Common
5	Sparow		Birds	Terrestrial	Common
6	Crow		Birds	Terrestrial	Common
7	Parrot		Birds	Terrestrial	Common
8	Peacock		Birds	Terrestrial	Rare
9	Ant		insects	Terrestrial	Common
10	Bee		insects	Terrestrial	Common
11	Butterfly		insects	Terrestrial	Common
12	Mosquto		insects	Terrestrial	Common
13	Cater pillar		Aquatic Animals	Terrestrial	Common
14	Fish		Aquatic Animals	Aquatic	Common
15	Frog		Aquatic Animals	Aquatic	Common

