

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Smailpur

Taluk: Bari Brahmana

District: Samba

State: J&K

Geographical Area of the Panchayat Samiti: 2173 Hec

Population under the Panchayat Samiti: Total - 3083 (as per 2011 Census)

Male: 1622

Female: 1461

Habitat and Topography: Kandi area

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(JFM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Annexure 1

Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local and not less than 18% belonging to SC/ST)

Balwant Singh Manhas

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 : 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 forestry

1) Name of the Chairperson: Tarsem lal

Age: 50 years

Gender: Male

Address: Smailpur

Area of specialization: Agriculture

2) Name of the Chairperson: Surinder Singh

Age: 48 years

Gender: Male

Address: Smailpur

Area of specialization: Agriculture

3) Name of the Chairperson: NIL

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson: NIL

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:

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	Resolution no. 77 Dt. 26/10/19		

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Munji	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
Wheat	<i>Triticum aestivum</i>	Kank				Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Maize	<i>Zea mays</i>	Mukk				Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Mustard	<i>Brassica nigra</i>	Sarson				Rare	Rare		Rabi	Edible Oil			Stored lat year crop seeds/ market	
Mash	<i>vigna Radiata</i>	Maa				Rare	Rare		Rabi	Food Fodder Roofing Fuel	Provides more energy		Farmers / Department/ Private dealers	Farmers/ Department
Radish	<i>Raphanus sativus</i>	Muli		-		Rare	Rare	-	-	Salad, Aachar	-	-	Local & Agri. Deptt.	

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						
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.
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.
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.
Climber	<i>Vitis vinifera</i>	Angoor	Wild, Perlet, 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.
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.
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.
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.
Woody Tree	<i>Ctrus 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.
Woody Tree	<i>Ctrus 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.
Woody Tree	<i>Citrus jambhiri</i>	Jamiri	Wild	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Record vailable in old books.	Processing, root stock	Own uses and sold in market	Popular in local population.

Woody Tree	<i>Citrus limettoides</i>	Mithoo	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus tangerina</i>	Narangi	Wild	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Record vailable in old books.	Ornamental and processing.	Own uses	Popular in local population.
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.
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.
Bush	<i>Grewia subinaequalis</i>	Phalsa	Wild	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Record vailable in old books.	Processing	Own uses and sold in market	Popular in local population.
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.
Woody Tree	<i>Punica granatum</i>	Anar	Wild, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
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.
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.
Woody Tree	<i>Aegle marmalos</i>	Bill	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.
Woody Tree	<i>Prunus saliciana</i>	Aloocha	Kala Amritsari, Alucha	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
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.
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.
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.
Woody Tree	<i>Caprificus insectifera</i>	Rumble	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record vailable in old books.	Medicinal purposes.	Own uses	Not much known.

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					
Bathua	<i>Chenopodium sp</i>	Baathu	Wheat	Broad leaf and consumed the nutrients of plants and reduce the production	Germination in the field after 20 days	Plenty	Plenty	used as vegetables	1.Use of weedicide		Hady and wider adoptability, multiply very fast	
Sitti	<i>Phalaris minor</i>	Sitti	Wheat	Compete with nutrition, light and space with wheat crop and reduces the narrow leav weed	Grows with wheat crop	Plenty	Plenty	oil	1.Use of weedicides metribuzinie @ 200 Gms/h a dissolved in 500-600 l if water		Hady and wider adoptability, multiply very fast	
Dhoob	<i>Cynodon dactylon</i>	Dhoob	Maize	Weed emerg with the germination with maize seed and grow along with the plants till the early growth period and cause sever crop weed compitation	Grows with maize crop	Plenty	Plenty	Nil	1. 2-3 weeding followed 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 tha later stages	
Shol	<i>Local</i>	Shol	Paddy	Broad leaf and consumed the nutrients of plants and reduce the production	floating on the water	Plenty	Plenty	Nil	Drying of paddy field as a result leafs dry		Hady and wider adoptability, multiply very fast	

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
Paddy	Grasshoper	<i>Hieroglyphus niogroreplentum</i>	Tidda, Raja da, Gorha	Polyphagus	June to November	1. Destro eggs by cleaning bunds. 2. Spray the bunds with malathion 5% D@25 Kg/ Ha	Both Nymphs and adults feed on the leaves, they devour the young shoots and newly farm ear heads	Adults are like locust but smaller in size	
	Rice Hisppa	<i>Dicladispa</i>	Neelu tittu	Appeaqr in all varieties of rice	July- sep	1. Clip the affected tips of leaves before transplanting	Quinalphos 25EC 1 litre per ha in 750 ltr of water	The grubs this pest mine into the leaves and adults are external feeders	
Wheat	Field Rats	<i>Bandicota sp. Tatera sp.</i>	Chau, kees	Burrow in soil. Rats are found in nearly all areas of earth which are inhabited by human beings	through out the year	1. Poison baiting 2. bund trimming to minimize harborage. 3. Use indigenous traps	They cause have loss to standing wheat crop and harvested crop in stores.	Domestic rats differ from wild rats in many ways. They are calmer and less likely to bite; they can tolerate greater crowding; they breed earlier and produce more off spring; and their brains, livers, kidneys, adrenal glands and hearts are smaller	
	Termites	<i>Microtermes obesi</i>	Seenak, SEONAK, WHITE ANT	Generally appears at wet places, lives in nests made under ground	through out the year	1. Destroy termitaria in an around the field. 2. Never use raw FYM. 3. For termites control in standing crop, dilute 4l of chlorpyriphos	These are social insect that lives under ground in colonies	The damage plant dry up completely and are easily pulled out	
Maize	Stem borer	<i>Chilo partellus</i>	Luhri, kidds	Occurs through out the country	July onwards, 15-20 days after germination	1. Apply granular insecticide carbofuran 3G @ 20kg/ha 2. Uproot the stubbles of previous years crop and burn	It attacks immediately after germination and cuses dead hearts in young plants	The adult is medium sized moth. The catapiller is dirty white in color with bristly hair on its body	

	Cut Worm	<i>Agrotis ipsilon</i>	Luhri	Occurs through out the country but especially in hilly areas	July onwards	Larva cut the seedling at ground level	Larva cut the seedling at ground level	They live in soil during the day and feed at night. The Catapillar are in grey in colour	
Cole crop	Cabbage butterfly	<i>Pieris brassicae</i>	Titali	The large white butterfly's habitat consists of large, open spaces, as well as farms and vegetable gardens, because of availability	Oct onwards	Release of trichogramma chillionis @ 50000 adults/ha per release 6 times in weekly interval in mid January.			
Vegetable	Fruit fly	<i>Bactrocera cucubitae</i>	Titali	Fruit flies are of concern both as nuisance pests and as serious contaminators of food.	After summer rains humidity is high	1. Install methyleugenol trap @ 5-100/Ha 2. Spray Malathion @ 1ml + 10 Grms gur/ ltr of water at evening hours when fruit flies are congregated on the leave surface	Female fruit flies lay their eggs on the surface of rotting fruits and vegetables. Each female may lay as many as 500 eggs. These eggs hatch into larvae which molt twice before becoming fully grown.	Adults may be dull yellowish, brownish yellow or brownish black in color and range from 1/10 to 1/5 inch long. Most species have red eyes. Larvae are very small.	

Other details may include possible reasons for insects/animals 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
No specified market. Livestock is purchased directly from farmer's home	Nil	Nil	Nil	Nil	Nil			
-do-								
-do-								
-do-								

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
General - 60%	Labour, Agriculture			Maize, Wheat			20%			
SC - 15%%										
ST - 20%	Sheep Husbandary									

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandary, artisans, services examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water , mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc.

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	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											
Plain area and Kandi area			Plain	Forest land , Pvt. Land , State land	Broad leaves			Public as well as Govt also					

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 - Baba sandokh nath Ji talab			Private land	Lotus , Akk	Fish, Frog, Snake, Snail	Cattle Washing, irrigation	Public					
Hand pump			Govt	Lotus , Akk		Drinking, washng, irrigation	Public					
Tubewell			Govt									

Examples: Ponds, Streams, Rivers, Lake, 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

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 available 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 available in old books.	Own uses and sold in market	Popular in local population.
6	Woody Tree	Sangtra	<i>Citrus reticulata</i>	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
7	Woody Tree	Nimboo	<i>Citrus aurantifolia</i>	Local, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
8	Woody Tree	Galgal	<i>Citrus limon</i>	Local	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
9	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.
10	Woody Tree	Mithoo	<i>Citrus limetoides</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.

11	Woody Tree	Kumquat	<i>Citrus x floridana</i>	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.
12	Woody Tree	Narangi	<i>Citrus tangerina</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Ornamental and processing.	Record vailable in old books.	Own uses	Popular in local population.
13	Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Table purposes	Record vailable in old books.	Own uses and sold in market	Popular in local population.
14	Woody Tree	Phowari Ber	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record vailable in old books.	Own uses and sold in market	Popular in local population.
15	Bush	Phalsa	<i>Grewia subinaequalis</i>	Local	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
16	Woody Tree	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
17	Woody Tree	Anar	<i>Punica granatum</i>	Local, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes and processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
18	Woody Tree	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to June	Processing purposes	Record vailable in old books.	Own uses and sold in market	Popular in local population.
19	Bush	Gerna	<i>Carissa carandas</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
20	Woody Tree	Bill	<i>Aegle marmalos</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
21	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.
22	Woody Tree	Aloocha	<i>Prunus saliciana</i>	Kala Amritsari, Alucha	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.
23	Woody Tree	Shahtoot	<i>Morus alba</i>	Local, China	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes, rearing Silkworms.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
24	Woody Tree	Jackfruit	<i>Atrocarpus heterophyllus</i>	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.
25	Soft Tree	Papita	<i>Carica papaya</i>	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					
Trees	Katamb	<i>Neolamarckia cadamba</i>							Flower			
Trees	Amla	<i>Phyllanthus emblica</i>			Seed	Abundant	Abundant	Medicinal and Edible use	Fruit	N.A	Own	
Trees	Bheda	<i>Terminalia bellerica</i>		Lower shivalik	Seed	Abundant	Abundant	Medicinal Use	Roots	N.A	N.A	Generally, held by community
Tree	Draink	<i>Melia azedarach</i>				Abundant	Abundant	Antioxidant, antianalgesic, antidiabetic	Leaves and Seed	Own use	-	
Trees	Harad	<i>Terminalia chebula</i>		Lower shivalik	Seed	Rare	Rare	Medicinal and Edible use	Fruit / Stem	N.A	N.A	Generally, held by community
Trees	Kringal	<i>Casia fistula</i>		Lower shivalik	Seed	Rare	Rare	Medicinal Use	Fruit	N.A	N.A	Generally, held by community
Tree	Neem	<i>Azadirachta indica</i>			Seeds	Rare	Rare	Nil	Leaves / Bark	NA	NA	
Tree	Sree	<i>Albizia lebbeck</i>	Local	Lower shivaliks & plains	Forests	Abundant	Abundant		Leaves/ stem			Local communityk having knowledge
Tree	Talli	<i>Dalbergia sissoo</i>				Abundant	Abundant		Stem			

Herbs	Tarad	<i>Dioscorea belophylla</i>	Wild	Lower shivaliks & plains		Abundant	Abundant		roots			Local communityk having knowledge
Herbs	Jungli Putana	<i>Mentha</i>		Lower Shiwalik	Roots	Abundant	Abundant	Nil	Leaves	NA	NA	Generally held by Community
Tree	Aam	<i>Mangifera indica</i>			Seeds	Abundant	Abundant	Nil	Stem / Fuits	NA	NA	
Climber	Giloe	<i>Tinospora Cordifolia</i>			Seed	Rare	Rare	Medicinal Use	Stem	N.A	N.A	
Trees	Toot	<i>Morus Alba</i>				Abundant	Abundant		Leaves			
Trees	Phulai	<i>Acacia Modesta</i>				Abundant	Abundant		Leaves/ stem			
Trees	Khajoor	<i>Phoenix sylvestris</i>				Rare	Rare		Fruit			

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
Ornamental Tree	Kachnar	<i>Bauhinia Variegata</i>		Nurseries/Forest	Non commercial	Ornamental/Landscaping	Used for Dysentery, Diarrhoea	Pink flowers in Summer	Floriculturists/ Nurserymen/Gardeners
Bushes/	Nerium	<i>Nerium Oleander</i>		Nurseries	Non commercial	Ornamental/Landscaping	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Bushes/	Kaner	<i>Thevetia peruviana</i>		Nurseries	Non commercial	Ornamental/Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Bushes/	Bottle Brush	<i>Callistemmon spp.</i>		Nurseries	Non commercial	Ornamental/Landscaping	Theraputic uses	Foilage and flowers	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Bushes/	Bogan Bael	<i>B.Sp & hybrids</i>		Nurseries	Non commercial	Ornamental/Landscaping	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/ Nurserymen/Gardeners
shrubs									
Bushes/	Hibiscus	<i>Hibiscus rosinensis</i>		Nurseries	Non commercial	Ornamental/Landscaping	Used in fever, constipation	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners

Shrubs									
Bushes/	Motia	<i>Jasminum sambac</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in Hepatitis, dysentry	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Herbs Seasonals	Guldopahar	<i>Portulaca grandiflora</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antioxidant, antibacterial	Summer annual flower	Floriculturists/ Nurserymen/Gardeners
Pot Plants	Agave	<i>Agave angustifolia</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Traditional medicines	Succulent	Floriculturists/ Nurserymen/Gardeners
Pot Plants	Thur	<i>Cactus spp</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Folk medicines	Thorny succulents	Floriculturists/ Nurserymen/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	Kiker	<i>Acacia Nilotica</i>		Abundant	Rare	Wild	Own			
Tree	Mango	<i>Mangifera indica</i>		Abundant	Abundant	Home garden	Own	Nil	Stem / Fuits	
Trees	Safeda	<i>Eucalyptus spp.</i>	Lower shiwalik	Abundant	Abundant		Commercial			
Tree	Sree	<i>Albizzia lebbeck</i>	Lower shiwalik	Abundant	Rare	Wild	Own	nil	nil	
Timber	Tali	<i>Dalbergia sissoo</i>	Lower Shivalik	Abundant	Abundant	Wild	Own	Nil	Nil	
Tree	Jamun	<i>Syzygium cumini</i>	Sub-tropical	Abundant	Abundant	Wild	Own	Medicinal	Fruits are edible	
Tree	Simbal	<i>Bombax ceiba</i>		Rare	Rare	Wild	Own			
Tree	Phulai or Fly	<i>Acacia modesta</i>	Temperate & Sub-tropical	Rare	Abundant	Wild	Own	Nil		
Tree	Khair	<i>Acacia catechu</i>	Lower shiwalik	Rare	Rare	Wild	Own			
Tree	Draink	<i>Melia azedarach</i>	Wild	Abundant	Abundant	Wild	Own	Antioxidant, antianalgesic, antidiabetic	Leaves and Seed	
Tree	Tuni	<i>Toona ciliata</i>	Lower Shivalik	Rare	Rare	Wild	Own	Nil	Nil	
Tree	Toot	<i>Morus Alba</i>		Abundant	Abundant	Wild	Own			

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	<i>Ovis aries</i>	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	<i>Ovis aries</i>	Rambouillet cross	large size, fine wool	do	do	do	do	do	do	do	do
Goat	Bakri	<i>Capra hirus</i>	Local	small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hair, manure	do	do	do	do
Goat	do	do	Beetal	large size, high body weight	do	do	do	do	do	do	do	do
Goat	do	do	Kaghani	do	do	do	do	do	do	do	do	do
Mammals	Gaay	<i>Bosindicus</i>	Local	-	Shed	Least concern	Least concern	Milk	N/A	No	Dairy products	-
Mammals	Bhains	<i>Bubblous Bubalis</i>	Local	-	Shed	Least concern	Least concern	Milk	N/A	No	Dairy products	-
Mammals	Kutta	<i>Cannis lupus</i>	Local	-	House	Least concern	Least concern	Guard	N/A	No	-	-
Mammals	Ghorda	<i>Equus Caballus</i>	Local	-	Stable	Least concern	Least concern	Loading purpose	N/A	No	Loading purpose	-

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/tao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Indian Major Carps	Catla	<i>Catla catla</i>	IMC	Catla is a fish with large and broad head, a large protruding lower jaw and upturned mouth. It has large, greyish scales on dorsal side and whitish on belly.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Indian Major Carps	Rohu	<i>Labeo rohita</i>	IMC	Herbivorous, its dorsal profile more convex than ventral, body with scales, head without scales, column to bottom feeder, mouth small and inferior with fringed lower lip. Cultured mostly in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Indian Major Carps	Mrigal	<i>Cirrhinus mrigala</i>	IMC	Omnivorous, bilaterally symmetrical and streamlined, head and snout devoid of scales, mouth inferior, barbels absent, cultured mostly in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Exotic Carps	Common Carp	<i>Cyprinus carpio</i>	Exotic Carp/ Scale Carp	Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protrudible 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 natural as well as artificial feed.	Fish Farming Community

Other details may include mode of catching fish, time of availability, breeding time, feeds etc.

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	<i>Pinus roxburghi</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Khair	<i>Accacia catechu</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Bour	<i>ficus benghalensis</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Chilla	<i>Caseria tomentosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Amlı	<i>Phyllanthus ebmlia</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Koakoa	<i>Flacourita indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Daronkal	<i>Murraya Koengini</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Dudaya	<i>wrightia parvifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Garna	<i>lannea coromandlica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Jamun	<i>mallotus philippennis</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Kaam	<i>Acacia catechu</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Kambat	<i>Aloe barbanenis</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Kamla	<i>Cassia fistula</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Khair	<i>leucaenia spp</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Krongal	<i>Acacia modesta</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed

Tree	Lucenia	<i>Wendlandia spp</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Plah	<i>Sapindus mukortossi</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Phulai	<i>Dodonae viscosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	panasara	<i>Albezzia spp</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Santa	<i>dalbergia</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	sarri	<i>Erythrina spp</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Talli	<i>Dalbergia sisso</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Thub/Dudhruk	<i>Erythrina spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Balugar	<i>Bauhinia Vahili</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Chuindi	<i>Xylosma Lingifolium</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Kral	<i>Grewia optiva</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Lana	<i>Ehreta spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Charmod	<i>Ehreta spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Bilan	<i>Terminilia bellirica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Gandila	<i>Aegle marmelous</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Oanni	<i>Lyonia ovalifia</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Rumble	<i>Ficus recemosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed

Tree	Draink	<i>Melia azedarach</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Wood			Self observed
Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Soyanjana	<i>Moringa oleifera</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	Branked	<i>justicia adhatoda</i>	Shrubs	Sub -tropical	Available	Available	Own Use	Leaves			Self observed
Tree	Khar	<i>Saccharum, begalense</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	Tai		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Salag		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Khro		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kenye/Kenyo		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Khajoor		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	Rati	<i>Abrus precatoris</i>	Wild	Social and Economic	Available
2	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
3	Exitic Acacia	<i>acacia farnesana</i>	Wild	Social and Economic	Available
4	Phulai or fly	<i>Acacia nilotia</i>	Wild	Social and Economic	Available
5	Kikar	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
6	Parkanda	<i>Aegle marmelous</i>	Wild	Social and Economic	Available
7	Bel	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
8	Nuriya	<i>agave americian</i>	Wild	Social and Economic	Available
9	Ramban	<i>Albiizzia procera</i>	Wild	Social and Economic	Available
10	Kala siris	<i>aloe barbandensis</i>	Wild	Social and Economic	Available
11	Kramblu	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
12	Safed Siris	<i>Artemsia parviflora</i>	Wild	Social and Economic	Available
13	Kuad Gandal	<i>artocarpus heterophyllus</i>	Wild	Social and Economic	Available
14	Chaleri Saag	<i>Arundo donax</i>	Wild	Social and Economic	Available
15	kathal	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available
16	Nad	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
17	Neem	<i>Bahunia vahlii</i>	Wild	Social and Economic	Available
18	bamboo	<i>Bauhnia vahlii</i>	Wild	Social and Economic	Available
19	bamboo	<i>Bahunia variegata</i>	Wild	Social and Economic	Available
20	kachnar	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
21	baloonger	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
22	kachnar	<i>Butea monosperma</i>	Wild	Social and Economic	Available
23	Simbal	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
24	Jungli toot	<i>Caseria tometosa</i>	Wild	Social and Economic	Available

25	Plaah	<i>Cassia fistula</i>	Wild	Social and Economic	Available
26	Bhang	<i>Catunaregum spinosa</i>	Wild	Social and Economic	Available
27	Chila	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
28	Krangal	<i>Centella asiatica</i>	Wild	Social and Economic	Available
29	Mainphal	<i>Chenopodium murale</i>	Wild	Social and Economic	Available
30	Aajan Grass	<i>Chrysopogon zizanioides</i>	Wild	Social and Economic	Available
31	Brahmi Buti	<i>Cinnamomum camphora</i>	Wild	Social and Economic	Available
32	Khas khas	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available
33	Kapoor	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
34	Sanali or Dussa	<i>Cynoglossum lanceolatum</i>	Wild	Social and Economic	Available
35	Barna	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
36	Deela	<i>Dendrocalmus</i>	Wild	Social and Economic	Available
37	Tali	<i>Debdrocalamus annulatum</i>	Wild	Social and Economic	Available
38	Dhatura	<i>Dicliptera bupleuroides</i>	Wild	Social and Economic	Available
39	Baans	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
40	palain	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
41	Kalu Grass	<i>Dicliptera bupleuroides</i>	Wild	Social and Economic	Available
42	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
43	duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available
44	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
45	pangara	<i>Erythrina variegata</i>	Wild	Social and Economic	Available
46	safeda	<i>Eucalyptus teretecornis</i>	Wild	Social and Economic	Available
47	Hybrid safeda	<i>Eulaliopsis binata</i>	Wild	Social and Economic	Available
48	Bubbean	<i>Euphorbia roylean</i>	Wild	Social and Economic	Available
49	Thor	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
50	Trimbal	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available
51	Bohr	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
52	Fagora	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
53	Rumble	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
54	badh or Pipal	<i>Gompherna celosiooides</i>	Wild	Social and Economic	Available

55	Kakoa	<i>Grewia optiva</i>	Wild	Social and Economic	Available
56	Dhaman	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
57	Lamb Grass	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
58	Aakh	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
59	Chameli	<i>Lantana camera</i>	Wild	Social and Economic	Available
60	Ratanjot	<i>Lathyrus sativus</i>	Wild	Social and Economic	Available
61	Brenker	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
62	Kemal	<i>Malvastreum coromandelianum</i>	Wild	Social and Economic	Available
63	panjphuli	<i>Magnifera indica</i>	Wild	Social and Economic	Available
64	Mithu grass	<i>Melia azedarach</i>	Wild	Social and Economic	Available
65	kamila	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
66	baryar	<i>Morus alba</i>	Wild	Social and Economic	Available
67	Aam	<i>Murraya koenigiffi</i>	Wild	Social and Economic	Available
68	drehnk	<i>Snerium oleander</i>	Wild	Social and Economic	Available
69	Kaam	<i>Loea europaea</i>	Wild	Social and Economic	Available
70	Toot	<i>Cuspidata</i>	Wild	Social and Economic	Available
71	Drenkri	<i>Opuntia elator</i>	Wild	Social and Economic	Available
72	gandila	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
73	Kua	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
74	Congress grass	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
75	Deena nath grass	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
76	Napier grass	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
77	Kahjoor	<i>Puplia lappacea</i>	Wild	Social and Economic	Available
78	amta	<i>Reinwarddtia indica</i>	Wild	Social and Economic	Available
79	Chir	<i>Ricinus hastatus</i>	Wild	Social and Economic	Available
80	daduni	<i>Saccharum bengalense</i>	Wild	Social and Economic	Available
81	jojra	<i>Saccharum spontaneum</i>	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				
Kamal	<i>Lotus</i>	Plant			Plenty	Plenty				
Barrain	<i>Acorus calamns</i>	Plant			Rare	Rare				
Akk	<i>Ipomea carnea</i>	Plant			Plenty	Plenty				
	<i>Colo casia spp</i>	Plant								
	<i>Potomogeton spp</i>									
	<i>Nymphea spp</i>									
	<i>Hydrilla spp</i>									
	<i>Lemna spp</i>									
	<i>Alternanthera philoseiroides</i>									
Mali	<i>Wallago attu</i>	Fish			Rare	Rare				
Groch	<i>Anguilla anguilla</i>	Fish			Plenty	Rare				
Frog	Anura	Amphibian			Plenty	Plenty				
Snake	Serpentes	Reptile			Plenty	Plenty				

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	<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>Azadirachata indica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Simbal	<i>Bambax ceiba</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinosa</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 zizianides</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	Toot	<i>Morus alba</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-Tropical	Available	Available					
Tree	Khajoor	<i>Phoenix sylvestris</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					
Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-Tropical	Available	Available					
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-tropical	Available	Available					

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	<i>Amaranthus viridis</i>		Sub-Tropical	Available	Available		Leaves			
Jangli Putna	<i>Mentha arvensis</i>		Sub-Tropical	Available	Available		Leaves			
Sochal	<i>Malva neglecta</i>	Agricultural crop	Sub-Tropical	Available	Available	Food	Leaves	Medicinal value	Used as vegetable	Local
Knaa			Sub-Tropical	Available	Available		Leaves		Used as vegetable	Local

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
Kachnar	<i>Bauhinia Variegata</i>		Terrestrial	Non commercial	Used for Dysentery, Diarrhoea	Pink flowers in Summer	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Nerium	<i>Nerium Oleander</i>		Terrestrial	Non commercial	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Kaner	<i>Thevetia Peruviana</i>		Terrestrial	Non commercial	Fevers	Flower most of the year	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Bottle Brush	<i>Callistemmon spp.</i>		Terrestrial	Non commercial	Therapeutic uses	Foilage and flowers	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Bogan Bael	<i>B.Sp & hybrids</i>		Terrestrial	Non commercial	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Agave	<i>Agave angustifolia</i>		Terrestrial	Non commercial	Traditional medicines	Succulent	Floriculturists/ Nurserymen/Gardeners
			Subtropical				

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>		Rare	Rare				
Exotic acacia	<i>Acacia farnesiana</i>		Plenty	Rare				
Kala siris	<i>Albizia lebbbeck</i>		Plenty	Plenty				
Safed siris	<i>Albizia Procera</i>		Plenty	Plenty				
Safeda	<i>Corymbia citriodora</i>		Plenty	Plenty				
Talli	<i>Dalbergia sissoo</i>		Plenty	Plenty				
Kiker	<i>Acacia Nilotica</i>		Plenty	Plenty				
Mangoo	<i>Mangifera Indica</i>		Plenty	Plenty				
Jamun	<i>Syzygium cumini</i>		Plenty	Plenty				
Simbal	<i>Bombax ceiba</i>		Rare	Rare				
Phulai or Fly	<i>Acacia modesta</i>	Sub-Tropical	Plenty	Plenty	Own use	Timber / Fire Wood		
Popular	<i>Populus ciliata</i>	Lower shivalik	Rare	Rare	own			
Tooth	<i>Morus alba</i>		Plenty	Plenty				
Dhaman	<i>Grewia optiva</i>		Plenty	Rare				
Draink	<i>Melia azedarach</i>		Plenty	Plenty				
Lucini	<i>Leucaena leucocephala</i>		Rare	Rare				
Tunu	<i>Toona ciliata</i>		Rare	Rare				

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		Wild			Plenty	Plenty					
Mammals	Squirrel	<i>Funambulus Penanti</i>	Wild			Plenty	Plenty					
Mammals	Grey Langur	<i>Semnopithecus ajax</i>	Wild			Plenty	Plenty					
Mammals	Porcupine	<i>Erethizon dorsatum</i>	Wild			Rare	Rare					
Mammals	Fox	<i>Vulpes bengalensis</i>	Wild			Rare	Rare					
Mammals	Jackal	<i>Canis aureus</i>	Wild			Plenty	Plenty					
Mammals	Leopard	<i>Panthera pardus</i>	Wild			Rare	Rare					
Mammals	Neelgai		Wild			Rare	Rare					
Mammals	Rhesus Macaque	<i>Macaca mulatta</i>	Wild			Rare	Rare					
Birds	Parakeet	<i>Milvus migrans govinds</i>	Wild			Rare	Rare					
Birds	Sparrow	<i>Hirundo rustica</i>	Wild			Rare	Rare					
Birds	Qwlet	<i>Athene brama</i>	Wild			Rare	Rare					
Birds	Myna	<i>Acridotheres tristis</i>	Wild			Rare	Rare					
Birds	Swallow	<i>Hirundo rustica</i>	Wild			Rare	Rare					
Birds	Weaver	<i>Ploceidae</i>	Wild			Rare	Rare					

Birds	Balack Drongo	<i>Dicrurus macrocercus</i>	Wild			Rare	Rare					
Birds	Black kite	<i>Milvus migrans</i>	Wild			Rare	Rare					
Birds	Pigeon		Wild			Plenty	Plenty					
Birds	Bee eater	<i>Meropidae</i>	Wild			Rare	Rare					
Birds	Blue Whistling thrush	<i>Myophonus caeruleus</i>	Wild			Rare	Rare					
Birds	Woodpecker		Wild			Rare	Rare					
Birds	Barbet		Wild			Rare	Rare					
Birds	Cattle egret		Wild			Rare	Rare					
Birds	Peacock	<i>Pavo Cristalus</i>	Wild			Plenty	Plenty					
Birds	Jal kukdi	<i>Gallinula chloropus</i>	Wild			Plenty	Plenty					
Mammals	Soor	<i>Sus scrofa</i>	Wild			Rare	Rare					
Mammals	European Rabbit	<i>Oryctolagus cuniculus</i>	Wild			Rare	Rare					
Rhodent	Rat	<i>Rattus norvegicus</i>	Wild			Rare	Rare					

Format 29: Flora			URBAN BIODIVERSITY				
1	2	3	4	5	6	7	
S.No.	Local Name	Scientific Name	Type of Plant	Habitat	Flowering Season	Rare/Common	Remarks (Rare / Common etc.)
1	Gutta	<i>Tagetes Patula</i>	Herbs Seasonals	Terrestrial/Subtropical	Grows round the year	Common	
2	Gulab	<i>Rosa spp</i>	Herbs Seasonals	Terrestrial/Subtropical	Perennial flower	Common	
3	Guldaudi	<i>Chrysanthemum spp.</i>	Herbs Seasonals	Terrestrial/Subtropical	Winter flower	Common	
4	Guldopahar	<i>Portulaca Grandiflora</i>	Herbs Seasonals	Terrestrial/Subtropical	Summer flower	Common	
5	Dalia	<i>Dahlia pinnata</i>	Herbs Seasonals	Terrestrial/Subtropical	Winter annual flower	Common	
6	Bottle Brush	<i>Callistemmon spp.</i>	Bushes/Shrubs	Subtropical		Rare	
7	Sukhchain	<i>Pongamia pinnata</i>	Bushes/Shrubs	Subtropical		Rare	

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Cow.	<i>Bos Indicus</i>	Mammal	Terrestrial	Common
2	Jersey.	<i>Bos Taurus</i>	Mammal	Terrestrial	Common
3	Holstein Friesian	<i>Bos Taurus</i>	Mammal	Terrestrial	Common
4	Buffalo.	<i>Bubalus Bubalis</i>	Mammal	Terrestrial	Common
5	Poultry Birds.	<i>Gallus domestius.</i>	Mammal	Terrestrial/Arial	Common

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks