

People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti : SARHI
Taluk: BHOMAG
District : REASI
State: J&K
Geographical Area of the Panchayat Samiti: 3028 HECT.
Population under the Panchayat Samiti: Total : 2435 (as per 2011 census)
Male 1288 Female : 1145
Habitat and Topography: Hilly Area
Climate (Rainfall, Temperature and weather patterns)
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation: 19-11-2020
Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Annexure 1**Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST)**

1)Name of the Chairperson: TIRATH RAM

Age: 42

Gender: MALE

Address: R/O SARHI

Area of specialization:

2) Name: PUNIYA DEVI

Age: 33

Gender: FEMALE

Address: R/O SARHI

Area of specialization:

3)Name: Ravita Devi

Age: 34

Gender: FEMALE

Address: R/O SARHI

Area of specialization:

4)Name: DASSU RAM

Age: 48

Gender: MALE

Address: R/O SARHI

Area of specialization:

5)Name: CHANKAR SINGH

Age: 48

Gender: MALE

Address: R/O SARHI

Area of specialization:

6)Name: RAM SINGH

Age: 35

Gender: Male

Address: R/O SARHI

Area of specialization:

7)Name: ABHINAV SHARMA

Age: 35

Gender: Male

Address: R/O REASI

Area of specialization:

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 : Mohr Singh

Age:60yrs

Gender:Male

Address: Sartok kote Pvt Sarhi

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use: Yes

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: Mohan Singh

Age: 61 yrs

Gender: Male

Address: R/o Ratnote Pyt Sarhi

Area of specialization: Agriculture /Horticulture

2) Name of the Chairperson: Makman Singh

Age:55 yrs

Gender: Male

Address: Sarote Kote Pyt Sarhi

Area of specialization: Agriculture/ Horticulture

3) Name of the Chairperson: Sher Singh

Age:62 yrs

Gender: Male

Address: Ratnote Pyt Sarhi

Area of specialization: Forestry

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

Annexure 4

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

1) Contact Person:

Name and Address:

2) Contact Person: NIL

Name and Address:

3) Contact Person: NIL

Name and Address:

4) Contact Person: NIL

Name and Address:

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

Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
			Resolution no. 77 Dt: 26/10/19		

End of Part I

Part II
PBR – Formats
AGROBIODIVERSITY
Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>		Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food Fodder Roofing Fuel	Provides more energy	Suitable for "Valicha" cultivation	Local	Kurichiya Kuruma W. Chetty
Rice		Dhan munji	China/ Japani		40 Kanal	Rare	Rare		Kharif				Local	
Maize	<i>Zea mays</i>	Makka		White Grains	250 Ha	Plenty	Abundant	High Yeilding	Kharif	Food & fodder		Suitable in sub tropical Plains	Local & Agri Dept	
Wheat	<i>Triticum aestivum</i>	Gandam			50 Ha	Plenty	Rare		Rabi	Food & fodder		Suitable in sub tropical Plains	Local & Agri Dept	
Barely		Jau			25 Ha	Plenty	Rare		Rabi	Food & fodder		Suitable in sub tropical Plains	Local & Agri Dept	

Pulses	<i>Vegnor mungo</i>	Max Mosh			4 Ha	Rare	Rare		June to october	Food		Suitable in sub tropical Plains	Local & Agri Dept	
	<i>Vegna ungriculata</i>	Rongi			2 Ha	Rare	Rare		Kharif	Food		Suitable in sub tropical Plains	Local & Agri Dept	
	<i>Lens culinaris</i>	Masard mour			3 Ha	Rare	Rare		Rabi	Food		Suitable in sub tropical Plains	Local & Agri Dept	
	<i>Vigna radiate</i>	Sali moongi			2 Ha	Rare	Rare		June to october	Food		Suitable in sub tropical Plains	Local & Agri Dept	
	<i>Phaseolus vulgaris</i>	Mothi Rajma			2 Ha	Rare	Rare		Kharif	Food		Suitable in sub tropical Plains	Local & Agri Dept	
	<i>Pisum sativum</i>	Matar			3 Ha	Plenty	Planty		Rabi	Food		Suitable in sub tropical Plains	Local & Agri Dept	
	<i>Macrotyloma uniflorum</i>	Kulth			2 Ha	Rare	Rare		Kharif	Food		Suitable in sub tropical Plains	Local & Agri Dept	
Mustard	<i>Brassica juncea</i>	Sarson			6 Ha	Plenty	Plenty		Rabi	Oils		Suitable in sub tropical Plains	Local & Agri Dept	
Til	<i>Sesamum indicum</i>	Aloo			3 Ha	Rare	Rare		Kharif	Oils		Suitable in sub tropical Plains	Local & Agri Dept	
Ckara	<i>Oryza sativa</i>	Moonji, Dhan			2 Ha	Rare	Rare		Kharif	Vegetable		Suitable in sub tropical Plains	Local & Agri Dept	
Tomato	<i>Solanum lycopersicum</i>	Pyaj			2 ha	Rare	Rare		Kharif	Vegetable		Suitable in sub tropical Plains	Local & Agri Dept	
Kadam	<i>Brassica</i>	Mattar			2 Ha	Rare	Rare		Kharif	Vegetable		Suitable in sub tropical Plains	Local & Agri Dept	

Radish	<i>Raphanus sativus</i>	Mirchi			0.5 Ha	Rare	Rare		Kharif	Salad Aachar		Suitable in sub tropical Plains	Local & Agri Dept	
Cucumber	<i>Cucumis sativus</i>	Khera			3 Ha	Rare	Rare		Kharif	salad		Suitable in sub tropical Plains	Local & Agri Dept	
Turmeric	<i>Curcuma longa</i>	Haldi			3 Ha	Rare	Rare		Kharif	Masala Medi		Suitable in sub tropical Plains	Local & Agri Dept	
Taro	<i>Colocasia esculenta</i>	Kichaloo			4 Ha	Rare	Rare		Kharif	Veg & Chart		Suitable in sub tropical Plains	Local & Agri Dept	
Onion	<i>Allium cepa</i>	Ganda/Payaz			4 Ha	Rare	Rare		Kharif	Vegi & Salad		Suitable in sub tropical Plains	Local & Agri Dept	
Garlic	<i>Allium sativum</i>	Thoom			2 Ha	Rare	Rare		Kharif	Masala Medi		Suitable in sub tropical Plains	Local & Agri Dept	
Bitter Guard	<i>Momordica charantia</i>	Kerala			2 Ha	Rare	Rare		Kharif	Vegetable		Suitable in sub tropical Plains	Local & Agri Dept	
Bottle Gourd	<i>Legenaria siceraria</i>	Loki			1 Ha	Rare	Rare		Kharif	Vegetable		Suitable in sub tropical Plains	Local & Agri Dept	
Methi	<i>Trigonella foenum-graecum</i>	Meth				Rare	Rare		Kharif			Suitable in sub tropical Plains	Local & Agri Dept	
Dhania	<i>Coriandrum sativum</i>	Beon				Rare	Rare		Kharif			Suitable in sub tropical Plains	Local & Agri Dept	

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							
Woody Tree	<i>Mangifera indica</i>	Amb	Wild, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasim etc.	Sub-tropical		Rare	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>Pidium guajava</i>	Amrood	Wild, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical		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.
Woody Tree	<i>Emblica officinalis</i>	Amla	wild, Banarsi, Neelam, NA 7.	Sub-tropical		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 sinensis</i>	Mosammi	Mosambi, Jaffa, Red Blood	Sub-tropical		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 reticulata</i>	Sangtra	Kinnow, Sangtra	Sub-tropical		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	Grafted Plants	March to Oct.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.

Woody Tree	<i>Citrus limon</i>	Galgal	Wild	Sub-tropical	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>Citrus medica</i>	Kimb	Wild	Sub-tropical	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	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 limetoides</i>	Mithoo	Wild	Sub-tropical	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>Zizyphus mauritiana</i>	Ber	Umran, Katha, Seb	Sub-tropical	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>Punica granatum</i>	Anar	Wild, Ganesh, Kandhari,	Sub-tropical	Good	Cuttings	March to July	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Bush	<i>Carissa carandas</i>	Gerna	Wild	Sub-tropical	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>Pyrus communis</i>	Nakh	Pathar Nakh	Sub-tropical	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>Prunus persica</i>	Aru	Wild, Sun Red, Florida Sun	Sub-tropical	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>Prunus saliciana</i>	Aloocha	Kala Amritsari, Alucha	Sub-tropical	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.
Herb	<i>Fragaria x ananassa</i>	Strawberry	Chandler	Sub-tropical	Good	Plant Runners	Mach to May	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	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	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	Seedlings and hybrids	March to Nov.	Record vailable in old books.	Table purposes.	Own uses and sold in market	Popular in local population.
Apple	<i>Malus Domestica</i>	Sabe	Local delicious	Sub-tropical		Rare	Plenty	Local & Horticulture deptt		Fresh fruit	Popular in local population.
Anar	<i>Punica granatum</i>	Anar	Hi-breed	Sub-tropical		Rare	Rare	Horticulture deptt		Fresh fruit	Popular in local population.
Anar Dona		Dadu	wild	Sub-tropical		Plenty	Plenty	wild raised		Med. Chathri	Popular in local population.
Akhrot	<i>Juglans regia</i>	Khood	Local improved	Sub-tropical		Plenty	Plenty	Horticulture deptt Local		Dry fruit	Popular in local population.

Banana	<i>Musa</i>	Kela	Desi	Mid plains		Plenty	Plenty	Local & Horticulture deptt		Fresh fruit	Popular in local population.
Amlok		Malook	Desi Improved	Sub-tropical		Plenty	Plenty	Localy raised Horticulture deptt		Fresh fruit	Popular in local population.

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10	11
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Season of Fruiting	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present						
Pearl	<i>Pennisetum glaucum</i>	Bajra	Tropical sub-tropical climate	Plenty		Agriculture deptt pvt. Seed store		High hillering crop	Whole plant	It is quick growing disease and frost resistant	
Sorghum	<i>Sorghum bicolor</i>	Chery	Mid Plains	Rare	Rare	Agriculture deptt pvt. Seed store	June to oct		Fodder	Own uses	
Oat	<i>Avena sativa</i>	Jawi, Loan	Mid Plains	Rare	Rare	Agriculture deptt pvt. Seed store	Nov to March		Fodder	Own uses	
Barley	<i>Hordeum vulgare</i>	Joo	Shivaliks	Rare	Rare	Local	Oct to April		Fodder	Own uses	

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 spp.</i>	Baathu	Wheat	Broad leaf and consumed the nutrients of plants and reduce the production	Germination in the field after 20 days	Plenty	Plenty	Nil	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 leaf weed	Grows with wheat crop	Plenty	Plenty	Nil	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	
Congress Grass	<i>Parthenium hysterophorus</i>	Congress weed	Summer crops			Rare	Plenty					
Senji	<i>Melilotus indicus</i>	Senji weed	Wheat			Rare	Rare					
Bhang	<i>Cannabis sativa</i>	Pang	Main Pummer crop			Plenty	Plenty					

Muthu	<i>Cyperus rotundus</i>	Muthu	Maize			Plenty	Plenty					
Phalaris	<i>Phalaris minor</i>	Ghayoun ka mama	Wheat			Plenty	Plenty					
Dina Grass	<i>Pennisetum pedicellatum</i>	Dina nath grass	Maize			Plenty	Plenty					
Jogda		Jogda	Maize & Grass			Plenty	Plenty					
Jangli Palak	<i>Rumex dentatu</i>	Imlu	Wheat			Plenty	Plenty					
Dhoob	<i>Cynodon dactylon</i>	Dhoob	Maize			Plenty	Plenty					

Format 5: Pests of Crops

1	2	3	4	5	6	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Associated TK	Other details	Community knowledge holder
Paddy	Grasshoper	<i>Hieroglyphus niogroreplentum</i>	Tidda, Raja da, Gorha	Polyphagus	June to November	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	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	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	These are social insect that lives under ground in colonies	The damage plant dry up completely and are easily pulled out	

Wheat Maize Vegetable	Army worm		Keda, Mongra					
Wheat Maize	White grub	<i>Holotrichia</i>	Garbeda					
Vegetable & Tree	Whire fly	<i>Aleyrodidae</i>	Chitte Burdi					
Trees Plants Gras	Jassids	<i>Cicadellidae</i>	Sela Trida					
Maize & Vegetable	Tharips	<i>Thysanoptera</i>	Chimar					
Plants Trees maize & Mustard	Meal bug	<i>Pseudococcidae</i>	Dadrood root					
Green Plants & maize	Green leaf hopper	<i>Cicadella viridis</i>	Rangbranga Trida					
Maize	Mites		Kidi					
Maize	Main cut worm	<i>Agrotis ipsilon</i>	Kida, Toka					
Maize	Mazie Stem worm	<i>Chilo partellus</i>	Keda, Ludi					

Veg/Maize	Cut worm	<i>Agrotis ipsilon</i>	Toka					
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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	Weekly	Local/Crossbred Sheep & Goat	2 (approx)	Local	samba	Does not pertain to this department		
-do-	Weekly	Local/Crossbred Sheep & Goat	2	Local	Jammu			
-do-	Weekly	Local/Crossbred Sheep & Goat	2	Local	chadwal			
-do-	Weekly	Local/Crossbred Sheep & Goat	2	Local	hiranagar			
<p>Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)</p>								

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
Rural, 3750	508, Farming, agriculture	Animal husbandry and Govt./Pvt. service	Agriculture land		Howing, edging, cultivation, fertilization					

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.
 Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc
 How the community manages the landscapes they use for satisfying different needs, their strategies and perception
 How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Feature s and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallo w land											
520 Ha ,	5 kanal,	220 Ha			Pvt./ Govt.								

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
Bowlis	Drimking	Govt										
Ponds	Drinking water for animals	Govt										

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Brown forest soil	silt loam to clay texture	Fine Granular Dub Angular	Use of organic matter	maize, wheat			
Alluvial Soil	Loamy soil						
		blocky structure having Ph 7-8-8.3holding capacity more than 40 %					
		Ph 7.0-7.7 organic carbon 0.18 -0.6N	Use of organic matter	wheat, paddy			

Format-11: FRUIT TREES DOMESTICATED BIODIVERSITY

1	2	3	4	5	6	7		8	9	10	11	12	13
S. No.	Plant Type	Local Name	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>Embelica 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	Mosammi	<i>Citrus sinensis</i>	Mosambi, Jaffa, Red Blood	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	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.
8	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.
9	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.

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	Jamiri	<i>Citrus jambhiri</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	Record available in old books.	Own uses	Popular in local population.
12	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	Popular in local population.
13	Woody Tree	Kumquat	<i>Citrus x floribunda</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Jan..	Processing.	Record available in old books.	Own uses	Popular in local population.
14	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.
15	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	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 available 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 available in old books.	Own uses and sold in market	Popular in local population.
18	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.
19	Woody Tree	Seb	<i>Malus X domestica</i>	Summer apple	Sub-tropical	...	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	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.
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	Herb	Strawberry	<i>Fragaria x ananassa</i>	Chandler	Sub-tropical	Good	Good	Plant Runners	Mach to May	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
24	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.
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.
26	Apricot	Khubani	<i>Prunus armeniaca</i>			Rare	Rare					Own uses and sold in market	Popular in local population.

Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/ seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/ own use	Community/ Know. Holders
						Past	Present					
Holy Basil	Tulsi	<i>Ocimum tenuiflorum</i>				Rare	Rare	Medicine	Leaf used			
Aloe vera	Aloe vera	<i>Aloe vera</i>	Wild	Mid Plaines & L Shivaliks	Local	Rare	Rare	Medicine	leaf			
Tree	Anardana	<i>Prunus punica</i>	Wild	Sub-tropical	Forests	Rare	Rare		Fruit			
Timru	Timru	<i>Zanthoxylum armatum</i>	Wild	Sub-tropical	Forests	Rare	Rare		Fruit			
Karal	Kachnar Karyad	<i>Bauhinia variegata</i>	Wild	Sub-tropical	Forests	Plenty	Plenty	Fodder med Vegetable	Leaf Bark Flower			
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub-tropical	Forests	Plenty	Plenty	Achr, Medi	Fruit			
Tree	Draink	<i>Madhuca longifolia</i>	Wild	Sub-tropical	Forests	Rare	Rare	Fodder, Medi	Leaf			
Herb	Pudina	<i>Mentha</i>	Wild	Sub-tropical	Forests	Rare	Rare		Leaf			
Herb	Haldi	<i>Curcuma longa</i>	Local	Sub-tropical	Forests	Rare	Rare		leaf			
Herb	Baryan	<i>Acorus calamus</i>	Wild	Lower Shivaliks	Forests	Rare	Rare	Medi	Leaf			

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	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Kaner	<i>Thevetia peruviana</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Bottle Brush	<i>Callistemmon spp.</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Therapeutic uses	Foilage and flowers	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Bogan Bael	<i>B.Sp & hybrids</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Hibiscus	<i>Hibiscus rosasinensis</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in fever, constipation	Flower throughout the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Motia	<i>Jasminum sambac</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in Hepatitis, dysentery	Flower throughout the year	Floriculturists/ Nurserymen/ Gardeners
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
Plant type	Rose Gulab	<i>Rose spp.</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Medicines & Decoration	Every colours flower	Floriculturists/ Nurserymen/ Gardeners
	Raat Ki rani	<i>cestrum nocturnum</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Medicines & Decoration	Every colours flower	Floriculturists/ Nurserymen/ Gardeners
Climber	Karer	<i>Rosa acicularis</i>		Forests	Non commercial	Ornamental/ Landscaping	Decorative	Every colours flower	Floriculturists/ Nurserymen/ Gardeners

Tree	Chinar	<i>Platanus orientalis</i>		Forests	Non commercial	Ornamental/ Landscaping	Decorative	Every colours flower	Floriculturists/ Nurserymen/ Gardeners
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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					
Deodar	Dayar	<i>Cedrus deodara</i>	Sub-Tropical	Nil	Rare	Wild	Timber, Devdar, Oil			
Tali	Tali	<i>Dalbergia sissoo</i>	Sub-Tropical	Rare	Rare	Wild				
Tunu	Tunu	<i>Toona ciliata</i>	Sub-Tropical	Plenty	Rare	Wild				
Koa	Kou	<i>Olea cuspidata</i>	Sub-Tropical	Plenty	Rare	Wild				
Fly	Kikkar	<i>Vachellia nilotica</i>	Sub-Tropical	Plenty	Plenty	Wild				
Oak	Banj	<i>Quercus</i>	Sub-Tropical	Plenty	Plenty	Wild				
Popular	Popluar	<i>Populus ciliata</i>	Sub-Tropical	Rare	Rare	Nursery				
Safeda	Safeeda	<i>Eucalyptus</i>	Sub-Tropical	Rare	Rare	Nursery				
Draink	Darink	<i>Madhuca longifolia</i>	Sub-Tropical	Rare	Rare	Wild				
Karal	Kartyad Karal	<i>Bauhinia variegata</i>	Sub-Tropical	Plenty	Plenty	Wild				
Kail	Kancheed	<i>Pinus wallichiana</i>	Sub-Tropical	Plenty	Rare	Wild				

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	Bakri	<i>Capra hirus</i>	Beetal	large size, high body weight	do	do	do	do	do	do	do	do
Goat	Bakri	<i>Capra hirus</i>	Kaghani	do	do	do	do	do	do	do	do	do
Cow	Gay	<i>Bos taurus</i>	Local			Available	Available	Milk				
Buffalo	Bhans, Manj, Maa	<i>Bubalina</i>	Best Quality	Best Quality of Milk		Available	Available	Milk & Dung				
Ox	Beal	<i>Bos</i>	Desi Punjabi, Jersi	Ploughing		Available	Available	Plougriy only				
Dog	Kutta	<i>Canis lupus familiaris</i>	Local	Pet		Available	Available					
Horse	Ghoda, Khachar	<i>Equus caballus</i>	Local & Improved	Pet		Available	Available	Ridding & Load carrier				
Cat	Billi	<i>Felis catus</i>	Local	Pet		Available	Available					

Poultry	Lkukkad	<i>Gallus domesticus</i>	Local & Hybird	Enrich meat flavour		Available	Available					
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Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/ talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					

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

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status	Present	Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past						
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Sub -tropical	Available		Own Use	Fruits	Used in Gastro Problme	Medicinal Use	Self observed
Tree	Khair	<i>Accacia catechu</i>	Tree	Sub -tropical	Available		Own Use	Fruits		Medicinal Use	Self observed
Tree	Amlı	<i>Phyllanthus emblica</i>	Tree	Sub -tropical	Available		Own Use	wood			Self observed
Tree	Koakoa	<i>Flacourita indica</i>	Tree	Sub -tropical	Available		Own Use	Fruits			Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub -tropical	Available		Own Use	leaves			Self observed
Tree	Dudaya	<i>Wrightia parvifolia</i>	Tree	Sub -tropical	Available		Own Use	leaves			Self observed
Tree	Garna	<i>Carissa spinarum</i>	Shrubs	Sub -tropical	Available		Own Use	Fruits			Self observed
Tree	Kambal	<i>Lannea coromandlica</i>	Tree	Sub -tropical	Available		Own Use	leaf and wood			Self observed
Tree	Kamla	<i>Mallotus philippennis</i>	Tree	Sub -tropical	Available		Own Use	leaf and wood			Self observed
Tree	Khair	<i>Acacia catechu</i>	Tree	Sub -tropical	Available		Own Use	leaf and wood			Self observed
Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub -tropical	Available		Own Use	leaf and wood			Self observed
Tree	Lucenia	<i>Leucaenia spp</i>	Tree	Sub -tropical	Available		Own Use	leaf and wood			Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub -tropical	Available		Own Use	leaf and wood			Self observed
Tree	Reetha	<i>Sapindus mukortossi</i>	Tree	Sub -tropical	Available		Own Use	Fruits and wood			Self observed
Tree	Santa	<i>Dodonaee viscosa</i>	Shurbs	Sub -tropical	Available		Own Use	Wood			Self observed

Tree	sarri	<i>Albezzia spp</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Talli	<i>Dalbergia sissoo</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Thub/Dudhruk	<i>Erythrina spp.</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Kral	<i>Bauhinia vahili</i>	Tree	Sub -tropical	Available		Own Use	Leaves/Flowers			Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Draink	<i>Melia azadirach</i>	Tree	Sub -tropical	Available		Own Use	Leaves/Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub -tropical	Available		Own Use	Fruits/Wood			Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub -tropical	Available		Own Use	Fruits/Wood			Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Plakh	<i>Ficus virens</i>	Tree	Sub -tropical	Available		Own Use	Leaves/Wood			Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Kassod	<i>Senna siamea</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Branked	<i>Justicia adhatoda</i>	Shrubs	Sub -tropical	Available		Own Use	Leaves			Self observed
Tree	Khar	<i>Saccharum</i>	Tree	Sub -tropical	Available		Own Use	Leaves			Self observed
Tree	Gangara		Tree	Sub -tropical	Available		Own Use	Wood			Self observed
Tree	Khajoor	<i>Phoenix dactylifera</i>	Tree	Sub -tropical	Available		Own Use	Wood			Self observed

Tree	Shamona	<i>engetharottia</i>		Sub -tropical	Plenty	Rare	Own Use	Wood & Leaf			
Shrub	Khedi Ankhra	<i>Desmodium gangeticum</i>		Sub -tropical	Plenty	Plenty	Wild Animal food	Fruit			
Bush	Small Kathi	<i>Indigofera heterantha</i>		Sub -tropical	Plenty	Rare	Fodder for animal	Leaves			
Tree	Trimbal	<i>Ficus auriculata</i>		Sub -tropical	Plenty	Rare	Own Use	Leafs & Fruit			
Herb	Jagli Tabacco	<i>Eremostachys</i>		Sub -tropical	Plenty	Rare	Own Use	Leafs & Fruit			
Climber	Giloye	<i>Tinospora cordifolia</i>		Sub -tropical	Plenty	Rare	Own Use				
Grass	Basin Braun	<i>Eulalia</i>		Sub -tropical	Plenty	Rare	Own Use	Leaves			
Tree	Dhai	<i>Woodfordia fruticosa</i>		Sub -tropical	Plenty	Rare	Own Use	Whole Part with Leaves			
Guchi		<i>Morchella esculenta</i>		Sub -tropical	Plenty	Rare	Own Use				
Banafsha		<i>Viola odorata</i>		Sub -tropical	Plenty	Plenty	Own Use				

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
2	Kikkar	<i>Acacia nilotia</i>	Wild	Social and Economic	Available
3	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
4	safed Siris	<i>Albizzia procera</i>	Wild	Social and Economic	Available
5	kala siris	<i>Albizzia lebbek</i>	Wild	Social and Economic	Available
6	Kwad Gandal	<i>Aloe barbandensis</i>	Wild	Social and Economic	Available
7	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
8	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
9	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
10	bamboo	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available
11	kachnar	<i>Bahunia variegata</i>	Wild	Social and Economic	Available
12	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
13	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
14	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
15	Aajan Grass	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
16	Brahmi Buti	<i>Centella asiatica</i>	Wild	Social and Economic	Available
17	karun	<i>Chenopodium murale</i>	Wild	Social and Economic	Available
18	Khas khas	<i>Chrysopogon zizanioides</i>	Wild	Social and Economic	Available
19	Sanali or Dussa	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available

20	Shudri	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
21	amer Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
22		<i>Cynoglossum lanceolatum</i>	Wild	Social and Economic	Available
23	Barna	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
24	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
25	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
26	Baans	<i>Dendrocalmus</i>	Wild	Social and Economic	Available
27	palain	<i>Debdrocalamus annulatum</i>	Wild	Social and Economic	Available
28	Kalu Grass	<i>diciptera bupleuroides</i>	Wild	Social and Economic	Available
29	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
30		<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
31		<i>Dicliptera bupleurooides</i>	Wild	Social and Economic	Available
32		<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
33	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
34	duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available
35	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
36	Dhol Dhak	<i>Erythrina suberosa</i>	Wild	Social and Economic	Available
37	pangara	<i>Erythrina variegata</i>	Wild	Social and Economic	Available
38	safeda	<i>Ecalyptus teretcornis</i>	Wild	Social and Economic	Available
39	Hybrid safeda	<i>Eulaliopsis binata</i>	Wild	Social and Economic	Available
40	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
41	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available
42	Peepal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
43	Kakoa	<i>Flacourtia indica</i>	Wild	Social and Economic	Available

44	Lamb Grass	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
45	Kharpoway	<i>Gompherna celosiooides</i>	Wild	Social and Economic	Available
46	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
47	Kanphuta	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
48	Bhattani	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
49	Chameli	<i>jasminum officinale</i>	Wild	Social and Economic	Available
50	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
51	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
52	Kemba	<i>lannea coromandelica</i>	Wild	Social and Economic	Available
53	Mithu grass	<i>lathyrus sativus</i>	Wild	Social and Economic	Available
54	kamila	<i>mallotus philippensis</i>	Wild	Social and Economic	Available
55	baryar	<i>Malvastreum coromandelianum</i>	Wild	Social and Economic	Available
56	Aam	<i>Magnifera indica</i>	Wild	Social and Economic	Available
57	drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
58	Kaam	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
59	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
60	Drenkri	<i>Murraya koenigiffi</i>	Wild	Social and Economic	Available
61	gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
62	Kua	<i>Loea europaea</i>	Wild	Social and Economic	Available
63	tetar	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
64	Congress grass	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
65	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
66	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
67	Kahjoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available

68	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
69	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
70	Jojra	<i>Puplia lappacea</i>	Wild	Social and Economic	Available
71		<i>Reinwardtia indica</i>	Wild	Social and Economic	Available
72		<i>Ricinus hastatus</i>	Wild	Social and Economic	Available
73		<i>Saccharum bengalense</i>	Wild	Social and Economic	Available
74		<i>Saccharum spontaneum</i>	Wild	Social and Economic	Available
75	Basant panchmi	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available
76	Dhai	<i>woodfordia fruticosa</i>	Wild	Social and Economic	
77	Giloye	<i>Tinaspora cordifolia</i>	Wild	Med- Economic	
78	Amarbael	<i>Cuscuta reflexa</i>	Wild	Medical	
79	Ankhra Khedi	<i>Desmodium gangeticum</i>	Wild	Social and Economic	
80	Katryad Karyad	<i>Bauhinia racemosa</i>	Wild		
81	Shadder Karoori	<i>Urtica diaca</i>	Wild		
82	Kali Shadder	<i>Girardinia heterophylla</i>	Wild		
83	Dhub	<i>Erythrino</i>	Wild		

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>									
Barrain	<i>Acorus calamns</i>									
Akk	<i>Ipomea carnea</i>									
Kachaloo	<i>Colo casia spp</i>									
Shadami	<i>Marsilea spp</i>									
Other details may include mode of catching fish, time of availability, breeding time, etc										

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	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-Tropical	Available	Available					
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-Tropical	Available	Available					
Tree	Simbal	<i>Bambax ceiba</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinosa</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	Fagora	<i>Ficus palmata</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	reetha	<i>sapindus mukorossi</i>	Wild	Sub-Tropical	Available	Available					
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-Tropical	Available	Available					
Plant	Brankad	<i>Aadhatoda vercosa</i>	Wild	Sub-Tropical	Plenty	Plenty		Roots leaves			
Tree	kakd singi	<i>Pistacia khinjuk</i>	Wild	Sub-Tropical	Plenty	Rare		Fruit wood			
Tree	Chir	<i>Pinus roxburghii</i>	Wild	Sub-Tropical	Plenty	Plenty		Whole Part is useful			
Plant	Kebmbllu	<i>Pennisetum glaucum</i>	Wild	Sub-Tropical	Plenty	Rare		Roots leaves			
Climber	Giloye	<i>Tinospora cordifolia</i>	Wild	Sub-Tropical	Rare	Rare		Complete			
Tree	Trimbal	<i>Ficus auriculata</i>	Wild	Sub-Tropical	Rare	Rare		Fruit Leaves			
Herbs	Banafsha	<i>Viola odorata</i>	Wild	Sub-Tropical	Plenty	Plenty		Complete			
Herbs	Gushi	<i>Morchella esculenta</i>	Wild	Sub-Tropical	Rare	Rare		Complete			

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
Other details: Harvesting period /Perennial/annual/seasonal

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Chaleri Saag	<i>Amaranthus viridis</i>	Chalari	Sub-Tropical	Available	Available	Vegetable	Leaf			
Jangli Putna	<i>Mentha arvensis</i>	Foara	Sub-Tropical	Available	Available	Chatori Aark	Leaf			
Kachaloo	<i>Colocasia esulenta</i>	Kachaloo	Sub-Tropical	Available	Available	Vegetable	Root plants			
Bana halder	<i>Curcuma longa</i>	Haldi	Sub-Tropical	Available	Available					
Wild Mashroom	<i>Agaricus campestris</i>	Gutaru	Sub-Tropical	Available	Available					

Format 24: Ornamental Plants

1	2	3	4	5	6	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/ Non-commercial	Associated Tk	Associated Tk	Other Details	Community/ Knowledge Holder
Kachnar	<i>Bauhinia variegata</i>		Terrestrial	Non commercial	Used for Dysentery, Diarrhoea	Used for Dysentery, Diarrhoea	Pink flowers in Summer	Floriculturists/ Nurserymen/ Gardeners
Nerium	<i>Nerium oleander</i>		Terrestrial	Non commercial	Epilepsy, cancer	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Agave	<i>Agave angustifolia</i>		Terrestrial	Non commercial	Traditional medicines	Traditional medicines	Succulent	Floriculturists/ Nurserymen/ Gardeners
Thur	<i>Cactus spp</i>		Terrestrial Subtropical	Non commercial	Folk medicines	Folk medicines	Thorny succulents	Floriculturists/ Nurserymen/ Gardeners
Madal		Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners
Simbal	<i>Bombax cebia</i>	Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners
Karer		Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners
Sulain	<i>Cerus spp</i>	Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners
Dhai	<i>Woodfedia fruticososa</i>	Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners
Banafsha	<i>Viola odorata</i>	Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners

Dhub	<i>Erythrina spp.</i>	Wild	Subtropical	Non commercial				Floriculturists/ Nurserymen/ Gardeners
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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>							
Kala siris	<i>albizia lebbeck</i>							
Safed siris	<i>Albizia procera</i>							
Safeda	<i>Corymbia citriodora</i>							
Talli	<i>Dalbergia sissoo</i>							
Toona	<i>Toona ciliata</i>							
Chir	<i>Pinus roxburghii</i>							
Flai	<i>Acacia Modesta</i>							
Kou	<i>Dea cusuidata</i>							
Kahdi	<i>Pistacia khinjuk</i>							
Shamma	<i>Engetherdtia opicatta</i>							
Kamela	<i>Molotus philippenots</i>							
Kainth	<i>Pyrus pashia</i>							

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.)

Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)

Note: Separate format should be used for road side plantation - habitat / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 31: Any other information of local importance		
1	2	3
Sr. No.	Information of local importance	Remarks
1		

End of Part II