

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Birpur Lower

Taluk: Bari Brahmana

District: Samba

State: J&K

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total - 3465 Approx

Male: 1871

Female: 1594

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(JGM)/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)

n: Suresh Kumar (Sarpanch)

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: Mohd Showaut s/o Nuziv Ahmed

Age: 45

Gender: Male

Address: Wno.4 Birpur lower

Area of specialization: Hybrid agriculture crops

2) Name of the Chairperson: Mohan lal

Age: 52

Gender: Male

Address:

Area of specialization: Agriculture

3) Name of the Chairperson: NIL

Age: 64 years

Gender: Male

Address: Datta Talab

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: Sadiq Choudhory S/o Mohd. Aslam
Name and Address: Birpur Lower
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
	Buchri Talab				
	Tunki talab				

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>	Gandam		Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food			
Maize	<i>Zia mays</i>	Makka		Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
Mustard	<i>Brassica juncea</i>	Sarson		Cool & dry		Rare	Rare	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking			
Mash	<i>vigna Radiata</i>	Maa		Hilly		Rare	Rare		Rabi	Food Fodder Roofing Fuel	Provides more energy		Farmers / Department/ Private dealers	Farmers/ Department
Radish	<i>Raphanus sativus</i>	Muli		Sub-Tropical		Rare	Rare	-	-	Salad, Aachar	-			

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

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 available 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 available in old books.	Processing	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus reticulata</i>	Sangtra	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Record available 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 available 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 available 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 available in old books.	Processing, root stock	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 available 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 available 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 available 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 available 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 available 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 available 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 available 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 available 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 available 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.
Soft Tree	<i>Carica papaya</i>	Papita	Wild, Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Record available 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 available in old books.	Medicinal purposes.	Own uses	Not much known.

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Pearl Millet	<i>Pennisetum typhoides</i>	Bajra	Tropical and Sub tropical climate	Plenty	Rare	Agriculture deptt Seed store and pyt Agencies	High fillering crop	whole plant	It is quick growing disease and	
Sorghom, Jawar	<i>Sorghum bicolor</i>	Sorghom, Jawar	Sub-Tropical	Plenty	Rare	Seed		whole plant		
Barseem	<i>Trifolium alexandrinum</i>	Barseem	Sub-Tropical	Rare	Rare	Seed		whole plant		
Maize	<i>Zea mays</i>	Makk	Sub-Tropical	Plenty	Plenty	Seed		whole plant		

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Bathua	<i>Chenopodi um 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 leaf 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		Paddy			Floating on water	Rare	Rare					

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	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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	Generally appears at wet places, lives in nests made under ground	through out the year	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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	
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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
Nil	Nil	Nil	Nil	Nil	Nil			

Note: (1) (D) - day ; (M) - month;

(2) Types of animals may include : Poultry / Sheep / Goats/ Cattle / Ducks/ Pigs/ Donkeys/ Mules/ Horses/ Camels/ Others (Specify)

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
8500	Industiral Labour	Govt source	30%	Maize, wheat,rabi,Kharif			ST-12%, General-32%	BPL-40%, APL-60%	99%Pacca house	1100No.s

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			Plants		Forest land, pvt. Land	Broad leaves		Public as well as 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
Silawati Pond			Govt. land	Lotus, Barrain	Fishes, Frog Snake	Irrigation , Washingk cattle	Public					
Hordani Pond			Govt. land	Lotus, Barrain	Fishes, Frog Snake	Irrigation , Washingk cattle	Public					
Pond Buchri			Govt. land	Lotus, Barrain	Fishes, Frog Snake	Irrigation , Washingk cattle	Public					
Thumki pond			Govt. land	Lotus, Barrain	Fishes, Frog Snake	Irrigation , Washingk cattle	Public					
Pond Narwal			Pvt. Land	Akk	Fishes, Frog Snake	Irrigation , Washingk cattle	Public					

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	silk loam to clay texture	Fine Granular, Dub angular	Use of organic matter	Maize, wheat			

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, Dashchhari, 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>Crus 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>Crus 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	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 and sold in market	Popular in local population.

11	Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
12	Woody Tree	Phowari Ber	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
13	Bush	Phalsa	<i>Grewia subinaequalis</i>	Local	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
14	Woody Tree	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
15	Woody Tree	Anar	<i>Punica granatum</i>	Local, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
16	Woody Tree	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to June	Processing purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
17	Bush	Gerna	<i>Carissa carandas</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
18	Woody Tree	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.
19	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.
20	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 available 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					
Tulsi	Tulsi	Ocimum Sanctum			Seeds	Rare	Rare		Leaves			
Tree	Neem	<i>Azadirachta indica</i>			Seeds	Rare	Rare	Nil	Leaves / Bark	NA	NA	
Mangoo	Aam	<i>Mangifera Indica</i>			Seeds	Plenty	Plenty		Stem			
Kiker	Kiker	Acacia Nilotica			Seeds	Rare	Rare		Leave			
Climber	Giloe	<i>Tinospora Cordifolia</i>			Seeds	Rare	Rare	Medicinal Use	Stem	N.A	N.A	
Jamun	Jamun	<i>Syzygium cumini</i>			Seeds	Plenty	Plenty		Leave			
Amla	Amla	<i>Emblica officinalis</i>			Seeds	Rare	Rare		Fruit			
Aloe vera	Kuad Gandal	<i>Aloe barbadensis</i>			Plant	Plenty	Rare		Leaves			
Trees	Toot	<i>Morus Alba</i>			Plant	Plenty	Rare		Leaves			
Safeda	Safeda	<i>Eucalyptus camaldulensis</i>			Plant	Rare	Rare		Leaves			

Note: Uses: Food/Veterinary Medicine/ Human Medicine (Sub - divisions like for children, women etc.) / Agricultural Purpose (Bio - pesticide)

Other details: Propagation methods , / Harvesting period, / Cultivated or collected from wild or both , / Perennial / annual / seasonal.

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					
Timber	Mango	<i>Mangifera indica</i>		Abundant	Abundant	Home - garden	Own	NA	Nil	Generally held by Community
Trees	Tooth	<i>Morus alba</i>		Abundant	Abundant	Home - garden	Own	Nil		Generally held by Community
Timber	Tali	<i>Dalbergia sissoo</i>		Abundant	Abundant	Home - garden	Own	Nil	Nil	Generally held by Community
Tree	Drink	<i>Melia azedarach</i>		Abundant	Abundant	Home - garden	Own			Generally held by Community
Tree	Jamun	<i>Syzygium cumini</i>		Abundant	Abundant	Wild	Own			Generally held by Community
Tree	Safeda	<i>Eucalyptus Citroedora</i>		Abundant	Abundant	Wild	commercial			Generally held by Community
Tree	Kalasree	<i>Albizia lebbek</i>		Rare	Rare	Wild	commercial	-	-	Generally held by Community
Tree	Guava	<i>Psidium guajava</i>		Rare	Rare	Home - garden	Own			Generally held by Community
Trees	Kiker	<i>Acacia Nilotica</i>		Rare	Rare	Wild	commercial	nil	nil	Generally held by Community
Trees	Dhaman	<i>Grewia optiva</i>		Rare	Rare	wild	own			Generally held by Community

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
Rabbit	<i>Oryctolagus cuniculus</i>		Local			Least concern	Least concern	Domesticated animal				
Cow	Gaay	<i>Bosindicus</i>	Local			Least concern	Least concern	Milk	Milk good for brain	Least	Ghee, curd,Butter, kaladi,cheese	Local
Buffalo	Bhains	<i>Bubblous bubalis</i>	Local			Least concern	Least concern	Milk	Ploughing	Least	Ploughing, carting	Local
Mammals	Billi	<i>Felis Catus</i>	Local	-		Least concern	Least concern	Domesticated animal	N/A	No	-	-
Dog	Kutta	<i>Cannis lupus</i>	Local			Least concern	Least concern	Domesticated animal	N/A	Least	-	Local

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/ta lao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
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	Amlia	<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	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>Dodonaea viscosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Reetha	<i>Bombax ceiba</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	Khini	<i>ficus hispida</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>Ehretia spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicine Use	Self observed
Tree	Dhaman	<i>ficus hispida</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 ovalifita</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	tantary	<i>Oroxylum indicum</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	Imli	<i>Tamarandis indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Cribul		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Rala		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Tai		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Khro		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Lanyan		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Mankarahan		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Gangara		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	Phulai or fly	<i>Acacia nilotia</i>	Wild	Social and Economic	Available
4	Kikar	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
5	Parkanda	<i>Aegle marmelous</i>	Wild	Social and Economic	Available
6	Bel	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
7	Nuriya	<i>agave americian</i>	Wild	Social and Economic	Available
8	Kala siris	<i>aloe barbandensis</i>	Wild	Social and Economic	Available
9	Kramblu	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
10	Safed Siris	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
11	Kwad Gandal	<i>artocarpus heterophyllus</i>	Wild	Social and Economic	Available
12	Chaleri Saag	<i>Arundo donax</i>	Wild	Social and Economic	Available
13	Seski	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
14	kathal	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available
15	Nad	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
16	Neem	<i>Bahunia vahlii</i>	Wild	Social and Economic	Available
17	bamboo	<i>Bauhnia vahlii</i>	Wild	Social and Economic	Available
18	bamboo	<i>Bahunia variegata</i>	Wild	Social and Economic	Available
19	kachnar	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
20	baloonger	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
21	kachnar	<i>Butea monosperma</i>	Wild	Social and Economic	Available

22	Simbal	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
23	Jungli toot	<i>Casaria tometosa</i>	Wild	Social and Economic	Available
24	Plaaah	<i>Cassia fistula</i>	Wild	Social and Economic	Available
25	Bhang	<i>Catunaregum spinosa</i>	Wild	Social and Economic	Available
26	Chila	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
27	Krangal	<i>Centella asiatica</i>	Wild	Social and Economic	Available
28	Mainphal	<i>Chenopodium murale</i>	Wild	Social and Economic	Available
29	Aajan Grass	<i>Chrysopogon zizanoides</i>	Wild	Social and Economic	Available
30	Khas khas	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available
31	kapoor	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
32	Sanali or Dussa	<i>Cynoglossum lanceolatum</i>	Wild	Social and Economic	Available
33	Barna	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
34	amer Bel	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
35	Deela	<i>Dendrocalmus</i>	Wild	Social and Economic	Available
36	Tali	<i>Debdrocalamus annulatum</i>	Wild	Social and Economic	Available
37	Dhatura	<i>Dicliptera bupleuroides</i>	Wild	Social and Economic	Available
38	Baans	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
39	palain	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
40	Kalu Grass	<i>Dicliptera bupleurooides</i>	Wild	Social and Economic	Available
41	Sadhun	<i>Dioscorea melanophyma</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	safeda	<i>Eucalyptus teretcornis</i>	Wild	Social and Economic	Available
45	Hybrid safeda	<i>Eulaliopsis binata</i>	Wild	Social and Economic	Available
46	Bubbean	<i>Euphorbia roylean</i>	Wild	Social and Economic	Available
47	Thor	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
48	Trimbal	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available

49	Bohr	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
50	Fagora	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
51	Rumble	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
52	badh or Pipal	<i>Gompherna celosiooides</i>	Wild	Social and Economic	Available
53	Kakoa	<i>Grewia optiva</i>	Wild	Social and Economic	Available
54	Bhattani	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
55	Dhaman	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
56	Lamb Grass	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
57	Aakh	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
58	Brenker	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
59	Kemal	<i>Malvastreum coromandelianum</i>	Wild	Social and Economic	Available
60	panjphuli	<i>Magnifera indica</i>	Wild	Social and Economic	Available
61	Mithu grass	<i>Melia azedarach</i>	Wild	Social and Economic	Available
62	kamila	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
63	Aam	<i>Murraya koenigiffi</i>	Wild	Social and Economic	Available
64	drehnk	<i>Snerium oleander</i>	Wild	Social and Economic	Available
65	Kaam	<i>Loea europaea</i>	Wild	Social and Economic	Available
66	Toot	<i>Cuspidata</i>	Wild	Social and Economic	Available
67	Drenkri	<i>Opuntia elator</i>	Wild	Social and Economic	Available
68	gandila	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
69	Kua	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
70	Chitter	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
71	Congress grass	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
72	Napier grass	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
73	Kahjoor	<i>Puplia lappacea</i>	Wild	Social and Economic	Available
74	daduni	<i>Saccharum bengalense</i>	Wild	Social and Economic	Available
75	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		Pond	Plenty	Plenty				
Barrain	<i>Acorus calamns</i>	Plant		Pond	Rare	Rare				
Akk	<i>Ipomea carnea</i>	Plant		Pond	Plenty	Plenty				
	<i>Typha angustifolia</i>									
	<i>Colo casia spp</i>									
	<i>Potomogeton spp</i>									
	<i>Nymphea spp</i>									
	<i>Hydrilla spp</i>									
	<i>Monochria vaginalis</i>									
	<i>Lemna spp</i>									
	<i>Alternanthera philoseiroides</i>									
	<i>Marsilea spp</i>									
	<i>Eichornea</i>									
Frogs / daddu	<i>Anura</i>	Animals			Plenty	Plenty				
Tortoise/ kachhua	<i>Testudinidae</i>	Animals			Rare	Rare				
Snake/ saamp	<i>Serpentes</i>	Animals			Rare	Rare				

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

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Rati	<i>Abrus precatorius</i>			
2	Khair	<i>Acacia catechu</i>			
3	Exotic acacia	<i>Acacia farnesiana</i>			
4	Phulia or fly	<i>Acacia modesta</i>			
5	Kikar	<i>Acacia nilotica</i>			
6	Parkhanda	<i>Achyranthes aspera</i>			
7	Bel	<i>Aegle marmelos</i>			
8	Nuriya	<i>Areva sanguinolents</i>			
9	Ramban	<i>Agave americana</i>			
10	Kala Siris	<i>Albizia lebbek</i>			
11	Kramblu	<i>Albizia odoratissima</i>			
12	Safed siris	<i>Albizia procera</i>			
13	kaud gandal	<i>Aloe barbandensis</i>			
14	chaleri saag	<i>Amaranthus viridis</i>			
15	seski	<i>Artemisia parviflora</i>			
16	kathal	<i>Artocarpus heterophyllus</i>			
17	Nad	<i>Arundo donax</i>			
18	Neem	<i>Azadirachata indica</i>			
19	Bamboo	<i>Bambusa bambos</i>			

20	Bamboo	<i>Bambusa nutans</i>			
21	Kachnar	<i>Bauhinia purpuria</i>			
22	Baloonger	<i>Bauhinia vahlii</i>			
23	Kachnar	<i>Bauhinia variegata</i>			
24	Simbal	<i>Bambax ceiba</i>			
25	jungli toot	<i>Broussonetia papyrifera</i>			
26	Plaah	<i>Butea monosperma</i>			
27	Bhang	<i>Cannabis sativa</i>			
28	Ganra	<i>Carissa spinosa</i>			
29	chilla	<i>Casearia tomentosa</i>			
30	Krangal	<i>Cassia fistula</i>			
31	Mainphal	<i>Catunaregum spinosa</i>			
32	aajan grass	<i>Cenchrurus ciliaris</i>			
33	brahmi buti	<i>Centella asiatica</i>			
34	karun	<i>Chenopodium murale</i>			
35	khas khas	<i>Chrysopogon zizianides</i>			
36	kapoor	<i>Cinnamomum camphora</i>			
37	bhus	<i>Cirium arvense</i>			
38	Sanali or dussa	<i>Colebrookea oppositifolia</i>			
39	Safeda	<i>Corymbia citriodora</i>			
40	Akk	<i>Ipomea cornea</i>			
41	Water hyacinth	<i>Eichhornia crassipes</i>			
42	Bareyan	<i>Acorus calamus</i>			

43	Lotus	<i>Nelumbo nucifera Hydrilla Spp</i>			
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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	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	Reetha	<i>sapindus mukorossi</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					

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		Leave			
Jangli Putna	<i>Mentha arvensis</i>		Sub-Tropical	Available	Available		Leave			
Sochal	<i>Malva neglecta</i>		Sub-Tropical	Available	Available		Whole plant			

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				
Thur	<i>Cactus spp</i>		Terrestrial	Non commercial	Folk medicines	Thorny succulents	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>	Sub-Tropical	Rare	Rare	Own			
Kala siris	<i>Albizia lebbek</i>	Sub-Tropical	Abundant	Rare	Own			
Safed siris	<i>Albizia Procera</i>	Sub-Tropical	Abundant	Abundant	Own			
Safeda	<i>Corymbia citriodora</i>	Sub-Tropical	Abundant	Abundant	Commercial			
Talli	<i>Dalbergia sissoo</i>	Sub-Tropical	Abundant	Abundant	Own			
Tooth	<i>Morus alba</i>	Sub-Tropical	Abundant	Abundant	Own	nil	nil	
Jamun	<i>Syzygium cumini</i>	Sub-Tropical	Abundant	Abundant	Own	Local/Wild	Wood used for Furniture	
Aam	<i>Mangifera indica</i>	Sub-Tropical	Abundant	Abundant	Own			
Dhaman	<i>Grewia optiva</i>	Sub-Tropical	Rare	Rare	own	nil	nil	
Kiker	<i>Acacia Nilotica</i>	Sub-Tropical	Rare	Rare	own	nil	nil	
Drankh	<i>Melia azedarach</i>	Sub-Tropical	Rare	Rare	own	nil	nil	
Arjun	<i>Terminalia arjuna</i>	Sub-Tropical	Rare	Rare	own	nil	nil	
Sal	<i>Shorea robusta</i>	Sub-Tropical	Rare	Rare	Commercial			
teak	<i>Tectona grandis</i>	Sub-Tropical	Rare	Rare	Own			

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	Squirrel	<i>Sciuridae</i>	Forest			Plenty	Plenty					
Mammals	Grey Langur	<i>Semnopithecus</i>	Forest			Plenty	Plenty					
Mammals	Porcupine	<i>Erethizon dorsatum</i>	Forest			Plenty	Plenty					
Mammals	Fox	<i>Vulpes bengalensis</i>	Forest			Plenty	Plenty					
Mammals	Jackal	<i>Canis aureus</i>	Forest			Plenty	Plenty					
Mammals	Jungle Cat	<i>Felis chaus</i>	Forest			Plenty	Plenty					
Mammals	Neelgai		Forest			Rare	Rare					
Mammals	Rhesus Macaque	<i>Macaac mulatta</i>	Forest			Rare	Rare					
Birds	Parakeet	<i>Psittacula krameri</i>	Forest			Rare	Rare					
Birds	Qwlet	<i>Athene brama</i>	Forest			Rare	Rare					
Birds	Myna	<i>Acridotheres tristis</i>	Forest			Plenty	Plenty					
Birds	Swallow	<i>Hirundo rustica</i>	Forest			Plenty	Plenty					

Birds	Weaver	<i>Ploceidae</i>	Forest			Plenty	Plenty					
Birds	Balack Drongo	<i>Dicrurus macrocercus</i>	Forest			Plenty	Plenty					
Birds	Black kite	<i>Milvus migrans</i>	Forest			Plenty	Plenty					
Birds	Pigeon	<i>Columba livia</i>	Forest			Plenty	Plenty					
Birds	Bee eater	<i>Meropidae</i>	Forest			Plenty	Plenty					
Birds	Blue Whistling thrush	<i>Myophonus caeruleus</i>	Forest			Plenty	Plenty					
Birds	Woodpecker	<i>Picidae</i>	Forest			Plenty	Plenty					
Birds	Barbet		Forest			Plenty	Plenty					
Birds	Cattle egret		Forest			Plenty	Plenty					
Birds	Peacock	<i>Pavo Cristalus</i>	Forest			Plenty	Plenty					
Mammals	Soor	<i>Sus scrofa</i>	Forest			Plenty	Plenty					
Mammals	European Rabbit	<i>Oryctolagus cuniculus</i>	Forest			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	

Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings / other institutional areas.

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	Catla	<i>Catla catla</i>	Fish	Fresh Warm Water	Common
2	Rohu	<i>Labeo rohita</i>	Fish	Fresh Warm Water	Common
3	Mrigal	<i>Cirrhinus mrigala</i>	Fish	Fresh Warm Water	Common
4	Silver Carp	<i>Hypothalmichthys moltrix</i>	Fish	Fresh Warm Water	Common
5	Grass Carp	<i>Ctenopharygodon idella</i>	Fish	Fresh Warm Water	Common
6	Common Carp	<i>Cyprinus carpio</i>	Fish	Fresh Warm Water	Common

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 31: Any other information of local importance

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