

## Peoples' Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti:** Athoon

**Taluk/Tehsil:** Mahanpur

**District:** Kathua

**State/UT:** Jammu And Kashmir

**Geographical Area of the panchayt Samiti:** 291.75 hac

**Population Of the Panchayat samiti...Total** 1875

**Male=** 930    **Female =** 945

**Habitat and Topography:** Mostly consists of hilly terrains with subtropical climate

**Climate (Rainfall, Temperature and other weather patterns):** Sub Tropical climate

**Land Use (Nine fold classification available with village records):** Agriculture is the main source of livelihood

**Date, Month and Year of PBR preparation:** 31/08/2019

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

<b>Annexure 1</b>
<b>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)</b>
<b>1)Name of the Chairperson:</b> Gandharb Singh (Mobile No: 9469305202)
<b>Age:</b> 65
<b>Gender:</b> Male
<b>Address:-</b> Athoon
<b>Area of specialization:</b>
<b>2) Name:</b> Rekha Rani
<b>Age:</b> 40
<b>Gender:</b> Female
<b>Address:</b> Bera
<b>Area of specialization</b>
<b>3)Name:</b> Noor Jahan
<b>Age:</b> 41
<b>Gender:</b> Female
<b>Address:</b> Bera
<b>Area of specialization:</b>
<b>4)Name:</b> Meera Baksh (ST)
<b>Age:</b> 84
<b>Gender:</b> Female
<b>Address:</b> Savar
<b>Area of specialization:</b>
<b>5)Name:</b> Krishan Chand
<b>Age:</b> 51
<b>Gender:</b> Male
<b>Address:</b> Athoon
<b>Area of specialization:</b>
<b>6)Name:</b> Govinder Ram (Retired/ Died)
<b>Age:</b> 65
<b>Gender:</b> Male
<b>Address:</b> Athoon
<b>Area of specialization:</b>
<b>7)Name:</b> Ravinder Singh (secretary) (Mobile No.: 8082345112)
<b>Age:</b> 52
<b>Gender:</b> Male
<b>Address:</b> Basoli
<b>Area of specialization:</b>

**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 :

Age:

**GENDER:**

Address:

Area of specialization:

Location from which the person accesses biological material: local/non local

Perception of the practitioner on the resource status:less local resources available

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 :** Kishan Chandar

**Age:** 50

**Gender:** Male

**Address:** Athoon

**Area of specialization:** Agriculture

2) **Name :** Mukesh Kumar

**Age:** 30

**Gender:** Male

**Address:** Athoon

**Area of specialization:** Fisheries

3) **Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

4) **Name of the Chairperson:**

**Age:**

**Gender:**

**Address:**

**Area of specialization:**

**Annexure 4**

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

**1) Contact Person:**

**Name and Address:**

**2) Contact Person:**

**Name and Address:**

**3) Contact Person:**

**Name and Address:**

**4) Contact Person:**

**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**

<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>

*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>	Dhaan	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
Maize	<i>Zea mays</i>	Makk	Vijay	Composite Maize Yellow grain variety High Yielding Variety suitable for Mid Hills		Abundant	Abundant	High yeilding Varity	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	

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 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					
Sorghum	<i>Sorghum bicolor</i>	Jowar	Warm climate crop	Plenty	Plenty	Agri. Deptt.	Rich in protein and minerals	Part used whole plant	Soil with clay loam texture having good water retention capacity are best suitable for its cultivation	
Berssem	<i>Trifolium alexandrinum</i>	Beerseen	winter forage.	Plenty	Plenty	Agri. Deptt.	Rich in protein and minerals	Part used whole plant. Repeated cuts can be taken .	Improves physical condition of soil . It can be grown in all types of soil expect very light sandy soil	

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>Chenopodium sp</i>	Baathu	Wheat	Broad leaf and consumed the nutrients of the plants and reduces 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, Gehoon ka mama, Gulli Danda	Wheat	Compete with nutritions, light and space with wheat crop and reduces the production Narrow Leaf Weed	Grows with Wheat crop	Plenty	Plenty	Nil	1. Use of Weedicides metribuzinie @200Gms/ha dissolved in 500-600 l of water		Hady and wider adoptability, multiply very fast	

### 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	Grasshopper	<i>Hieroglyphus niogrorepletum</i>	Tidda , Raja da Gorha ,	Polyphagus	June to Novemeber	1.Destroy 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	
Wheat	Termites	<i>Microtermes obesi</i>	Seenak	Generally appears at wet places, lives in nests made under ground	through out the year	1. Destroy termitaria in an around field 2. Never use raw FYM 3. For termites control in standing crop, dilute 4l of chlorpyriphos 20EC in 5l of water and mix in 50 kg of sand thoroughjly . Boradcast this treated soil in the infested areas.	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>	Lurhi, kidda,	Occurs through out the country	July onward . 15- 20 days after Germination	1. apply granular insecticide carbofuran 3G @20 Kg / Ha 2. Uproot the stubbles of previous years crop and burn	It attacks immediatly after germination and causes dead hearts in young plants .	The adult is medium sized straw coloured moth . The caterpillar is dirty white in color with short bristly hair on its body	



### Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
<b>Community &amp; Population</b>	<b>Families &amp; Major occupation</b>	<b>Sub- occupation</b>	<b>Depending Landscape</b>	<b>Major resources accessed and seasons of access</b>	<b>Landscape management practices</b>	<b>Resource management practices</b>	<b>Cast / tribe</b>	<b>Social condition</b>	<b>Nature of inhabitants</b>	<b>No. of HHs</b>

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

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	Fallow land											
Cultivated Land	Not Applicable	Not	Cultivated Land	-	Private	Local Plants&some wild Plants	Insects	Local People	Modern Agricultural Practices	Agricultural	Unknown	Unknown	Local People
		Applicable											
Irrigated land	Not applicable	Not applicable	Irrigated Land	-	Govt. & Private	Acquatic Plants	Insects	Local People	Modern Agricultural Practices	Agricultural	Unknown	Unknown	Local People
Forest Land	Not applicable	Not applicable	Forest Land	-	Govt.	Local Plants& some wild Plants	Insect & Amphibians	Local People	-	Firewood And Grazing	Unknown	Unknown	Local People
Grazing Land	Not applicable	Not applicable	Non Irrigated Land	-	Govt.	some wild Plants	Insects	Local People	-	Grazing of Cattles	Unknown	Unknown	Local People
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
Stream	-	Direct small underground streams	Govt. land, Revenue,	Mostly ferns, Bryophytes	Amphibians	Daily household & Drinking	Local people	Small Check Dams	Drinking, Washing	Unknown	Unknown	Local People
Nalas	-	Tributary of Khads	Govt. land, Revenue,	Flowers, Fruits	Frog, Fish, Snake	Irrigation, Washing	Local people	Small Check Dams	Washing	Unknown	Unknown	Local People
Ponds	-	Dependent on Rainwater	Govt. land, Revenue, Private	Flowers, Fruits	Frog, Fish, Snake	Irrigation, Fish production	Local people	Eradication of weeds	Irrigation	Unknown	Unknown	Local People

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
Sandy	Grey	Does not retain water	Recharged with Tank Bed	Maize, Beans	Fodder plants/Snakes ,insects	Unknown	Unknown
Loamy	Brown	Retain Water	High in Moisture	Wheat, paddy,vegetables etc	Fodder	Unknown	Unknown
					Plants/Rats,Insects		
Clay	Brownish	Retains Water	High in moisture	Wheat, paddy,vegetables etc	Fodder	Unknown	Unknown
	Mixture				Plants/Rats,Insects		
Brown Forest Soil	Silt Loam to clay Texture	Fine Granular, Dub-Angular Blocky Structure having pH 7.8-8.3, Water Holding capacity more than 40%	Use of Organic matter	Maize, Wheat, Safflower	-	-	-
Red and Yellow Podzolic Soils.	Coarse Texture	Water Holding Capacity is 40% , Loamy Soils	Use of Organic matter, use of cattle dung	Maize, Jowar, Oats	-	-	-
Lithosols	Gravelly loam to Gravelly silty Loam	pH 7.1-7.8, Occur on steep slopes in the forest hills of 400-600 mtrs. 33-38% Water Holding Capacity	Use of Organic matter	Maize & Fodder Crops	-	-	-
Alluvial Soils	Loamy Soils	ph 7.0-7.7, Organic Carbon 0.28-0.61%	Use of Organic matter	Wheat, Paddy, Vegetables	-	-	-



**Format 11: FRUITS TREES DOMESTICATED BIODIVERSITY**

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Dashrei Amrapali Malika	Agricultural Land	Available	Abundant	Plants	March-july	–	–	Own/ Market	–
Guava	<i>Psidium guajava</i>	Amrud	L-49 Allahabad safeda	Agricultural Land	Rare	Available	Plants	August- december	–	–	Own/ Market	–
Lemon	<i>Citrus aurantifolia</i>	Nimbu	Kagzi, Kumkath	Agricultural Land	Available	Available	Plants	November- december	–	–	Own/ Market	–
Orange	<i>Citrus reticulata</i>	Sangtra	Grafted	Agricultural Land	Rare	Rare	Plants	April- September	–	–	Own/ Market	–
Amla	<i>Phyllanthus emblica</i>	Amla	NA-7 Banarsi	Agricultural Land	Rare	Rare	Plants	August- November	–	–	Own/ Market	–

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

1	2	3	4		5	6		7	8	9		10	11
Plant Type	Local name	Scientific Name	Variety	Landscape / Habitat	Sources of plants / seeds	Local Status		Associated TK	Uses(usage)	Part used	Associated TK	Others details market/own use	Community/ Knowledge Holder
						Past	Present						
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	Cold & Cough	Heart wood	Cold & Cough	Unknown	Self observed
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	Root extract	root	Root extract	Unknown	Self observed
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	Cultural values	small branches	Cultural values	Unknown	Self observed
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	Cultural values	Leaves & Fruit	Cultural values	Unknown	Self observed
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	Rasount	roots	Rasount	Unknown	Self observed
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	Skin allergy	Leaves	Skin allergy	Unknown	Self observed
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	To cure cancer	Leaves	To cure cancer	Unknown	Self observed
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	To cure Cholera	Seeds	To cure Cholera	Unknown	Self observed
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	To cure nose bleeding	Leaves	To cure nose bleeding	Unknown	Self observed

Herbs	Khas Khas	<i>Chrysopogon zizanoides</i>	Wild	Sub-tropical	Self Grown	Available	unavailable	Unknown	used in confectionary	Seeds	used in confectionary	Unknown	Self observed
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	used in healing wounds	Extract	used in healing wounds	Unknown	Self observed
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	used in confectionary	Leaves	used in confectionary	Unknown	Self observed
Tree	Khajoor	<i>Phoenix sylvestris</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	To remove weakness	Fruit	To remove weakness	Unknown	Self observed
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	Multi uses	Fruit	Multi uses	Unknown	Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	To cure diabetes	Seeds	To cure diabetes	Unknown	Self observed
Tree	Imli	<i>Tamarindus indica</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	used in confectionary	Fruit	used in confectionary	Unknown	Self observed
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	To cure diabetes	Bark	To cure diabetes	Unknown	Self observed
Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	To cure constipation	Fruit	To cure constipation	Unknown	Self observed
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	To cure constipation	Fruit	To cure constipation	Unknown	Self observed
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-tropical	Naturally Grown	Available	Available	Unknown	To boost immunity	Stem	To boost immunity	Unknown	Self observed
Tree	Reetha	<i>Sapindus mukorossi</i>	Wild	Sub-tropical	Naturally / Self Grown	Available	Available	Unknown	soap & detergent	Fruit	soap & detergent	Unknown	Self observed



**Format 14: Timber Plants / Trees**

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Tree	Talli	<i>Dalbergia sissoo</i>	Sub Tropical	Available	Available	Wild	Timber wood	-	Nil	Self Observed
Tree	Tuni	<i>Cedrela toona</i>	Sub Tropical	Available	Available	Wild	Timber wood	Wood used for furniture	Nil	Self Observed
Tree	Chir	<i>Pinus roxburghii</i>	Sub Tropical	Available	Available	Wild	Timber wood	Wood used for making agriculture equipments	Nil	Self Observed
Tree	Safeda	<i>Eucalyptus Spp.</i>	Sub Tropical	Available	Available	Wild	Timber wood	Wood used for furniture	Nil	Self Observed
Tree	Simbal	<i>Bombax cieba</i>	Sub Tropical	Available	Available	Wild	Timber wood	Wood used for making agriculture equipments	Nil	Self Observed
Tree	Jamun	<i>Syzygium cumini</i>	Sub Tropical	Available	Available	Wild	Timber wood	Wood used for making agriculture equipments	Nil	Self Observed

### 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					
Cow	Gaay/goo	<i>Bos indicus</i>	Hyrid	High Fertility, High Milk Yield	Domesticated	Available	Available	Milk+ Cow Dung	Highly Nutritious & complete diet	Yes	Nil	Self Observed
			Local	Low Milk Yield , adoptable to local climatic condition					Highly Nutritious	No		
Buffalo	Bhains/ Maain	<i>Bubalus bubalis</i>	Local/ Upgraded	Black in Colour/ Moderate to High Milk yield with High Fat %age	Domesticated	Available	Available	Milk & Dung	Considered more energetic due to High fat %age	Commercial in upgraded , Non commercial in local	Nil	Self Observed
Ox	Bael/Dand	<i>Bos indicus</i>	Local/ Hyrid	Ploughing & Carriage	Domesticated	Available	Available	Ploughing & Carriage	-	No		
Dog	Kutta	<i>Cannis lupus familiaris</i>	Local/ Hyrid	Pet	Domesticated & Stray	Available	Available	Guarding & Watching	-	No	Nil	Self Observed
Horse/ Mules/ Donkey	Ghoda/ Khachar/ Khota	<i>Equus caballus</i>	Local/ Hyrid	-	Domesticated	Available	Available	Carriage & Cart Pulling	-	No	Nil	Self Observed
Buff Bull	Chotta	<i>Bubalus bubalis</i>	Local	-	Domesticated	Rare	Rare	Breeding and ploughing	-	No	Nil	Self Observed
Cat	Billi	<i>Felis catus.</i>	Local	-	Domesticated & Free Roaming	Available	Available	No	-	No	Nil	Self Observed
Poultry	Kukad/Kukdi	<i>Gallus gallus</i>	Local/ Hyrid	-	Domesticated	Available	Available	Meat & Egg Production	-	Yes	Nil	Self Observed

Uses include milk, meat, skin, fur and etc

### 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		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Amla	<i>Phyllanthus emblica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicinal use	Self observed
Tree	Ber	<i>Ziziphus jujuba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Bour	<i>Ficus benghalensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Chilla	<i>Casearia tomentosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaf and Wood	Unknown	Medicinal use	Self observed
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Kakoa	<i>Flacourtia indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Tree	Dudaya	<i>Wrightia arborea</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Shrubs	Garna	<i>Carissa spinarum</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	kaam	<i>Mitragyna parvifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kembal	<i>Lannea coromandelica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kamla	<i>Mallotus philippensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Khair	<i>Acacia catechu</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kodh	<i>Aloe barbadensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed

Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Lucenia	<i>Leucaena spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Pansara	<i>Wendlandia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Reetha	<i>Sapindus mukorossi</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits and Wood	Used for Diabetes	Medicinal use	Self observed
Shrubs	Santa	<i>Dodonaea viscosa</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Sarri	<i>Albezzia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Talli	<i>Dalbergia sisso</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Thub / Dudhruk	<i>Erythrina spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Balugar	<i>Bauhinia vahlii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Chuindi	<i>Xylosma longifolium</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Doss/sanan	<i>Colebrookea oppositifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Khini	<i>Ficus semicordata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Kral	<i>Bauhinia variegata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Flowers	Used for Diabetes	Medicinal use	Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed

Tree	Behra	<i>Terminalia bellirica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Bilan	<i>Aegle marmelos</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Oanni	<i>Lyonia ovalifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Rumble	<i>Ficus racemosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/ Wood	Unknown	Medicinal use	Self observed
Tree	Draink	<i>Melia azedarach</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Unknown	Medicinal use	Self observed
Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Neem	<i>Azadirachta indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Plakh	<i>Ficus virens</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Unknown	Medicinal use	Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	chamar sama	<i>Holoptelea integrifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	lasura	<i>Cordia myxa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	kassod	<i>Senna siamea</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Shrubs	BRANKED	<i>Justicia adhatoda</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Tree	KHAR	<i>Saccharum bengalense</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed

Tree	Imli	<i>Tamarandis indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
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### 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 precatorius</i>	Wild	Social and Economic	Available
2	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
3	Exotic acacia	<i>Acacia farnesiana</i>	Wild	Social and Economic	Available
4	Phulai or Fly	<i>Acacia modesta</i>	Wild	Social and Economic	Available
5	Kikar	<i>Acacia nilotica</i>	Wild	Social and Economic	Available
6	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
7	Bel	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
8	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
9	Ramban	<i>Agave americana</i>	Wild	Social and Economic	Available
10	Kala Siris	<i>Albizia lebbek</i>	Wild	Social and Economic	Available
11	Kramblu	<i>Albizia odoratissima</i>	Wild	Social and Economic	Available
12	Safed siris	<i>Albizzia procera</i>	Wild	Social and Economic	Available
13	Kwad Gandal	<i>Aloe barbadensis</i>	Wild	Social and Economic	Available
14	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
15	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
16	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
17	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
18	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
19	Bamboo	<i>Bambusa bambos</i>	Wild	Social and Economic	Available
20	Bamboo	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
21	Kachnar	<i>Bauhinia purpurea</i>	Wild	Social and Economic	Available
22	Baloonger	<i>Bauhinia vahlii</i>	Wild	Social and Economic	Available
23	Kachnar	<i>Bauhinia variegata</i>	Wild	Social and Economic	Available

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
24	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
25	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
26	Plaah	<i>Butea monosperma</i>	Wild	Social and Economic	Available
27	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
28	Chilla	<i>Casearia tomentosa</i>	Wild	Social and Economic	Available
29	Krangal	<i>Cassia fistula</i>	Wild	Social and Economic	Available
30	Mainphal	<i>Catunaregum spinosa</i>	Wild	Social and Economic	Available
31	Aajan Grass	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
32	Brahmi buti	<i>Centella asiatica</i>	Wild	Social and Economic	Available
33	Karun	<i>Chenopodium murale</i>	Wild	Social and Economic	Available
34	Khas Khas	<i>Chrysopogon zizanoides</i>	Wild	Social and Economic	Available
35	Kapoor	<i>Cinnamomum camphora</i>	Wild	Social and Economic	Available
36	Bhus	<i>Cirsium arvense</i>	Wild	Social and Economic	Available
37	Sanali or Dussa	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available
38	Barna	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
39	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
40	Shudri	<i>Cynoglossum lanceolatum</i>	Wild	Social and Economic	Available
41	Deela	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
42	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
43	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
44	Baans	<i>Dendrocalamus strictus</i>	Wild	Social and Economic	Available
45	Palain	<i>Dichanthium annulatum</i>	Wild	Social and Economic	Available
46	Kalu grass	<i>Dicliptera bupleuroides</i>	Wild	Social and Economic	Available
47	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
48	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
49	Duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
50	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
51	Chamror	<i>Ehretia laevis</i>	Wild	Social and Economic	Available
52	Dhol Dhak	<i>Erythrina suberosa</i>	Wild	Social and Economic	Available
53	Pangara	<i>Erythrina variegata</i>	Wild	Social and Economic	Available
54	Safeda	<i>Eucalyptus camaldulensis</i>	Wild	Social and Economic	Available
55	Hybrid safeda	<i>Eucalyptus tereticornis</i>	Wild	Social and Economic	Available
56	Bubbeain	<i>Eulaliopsis binata</i>	Wild	Social and Economic	Available
57	Thor	<i>Euphorbia royleana</i>	Wild	Social and Economic	Available
58	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
59	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available
60	Fagora	<i>Ficus palmata</i>	Wild	Social and Economic	Available
61	Rumble	<i>Ficus racemosa</i>	Wild	Social and Economic	Available
62	Badh or Pipal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
63	Kakoa	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
64	Kanphuta	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
65	Bhattani	<i>Gomphrena celosioides</i>	Wild	Social and Economic	Available
66	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
67	Lamb grass	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
68	Aakh	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
69	Kharpoway	<i>Ipomoea purpurea</i>	Wild	Social and Economic	Available
70	Chameli	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
71	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
72	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
73	Kemal	<i>Lannea coromandelica</i>	Wild	Social and Economic	Available
74	Panjphuli	<i>Lantana camara</i>	Wild	Social and Economic	Available
75	Mithu grass	<i>Lathyrus sativus</i>	Wild	Social and Economic	Available

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
76	Kamila	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
77	Baryar	<i>Malvastrum coromandelianum</i>	Wild	Social and Economic	Available
78	Aam	<i>Mangifera indica</i>	Wild	Social and Economic	Available
79	Drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
80	Kaam	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
81	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
82	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
83	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
84	Kua	<i>Olea europaea</i> subsp.	Wild	Social and Economic	Available
85		<i>cuspidata</i>	Wild	Social and Economic	Available
86	Chhitter	<i>Opuntia elatior</i>	Wild	Social and Economic	Available
87	Tetar	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
88	Congress Grass or Jari	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
89	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
90	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
91	Khajoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
92	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
93	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
94	Daduni	<i>Punica granatum</i>	Wild	Social and Economic	Available
95	Jojra	<i>Pupalia lappacea</i>	Wild	Social and Economic	Available
96	Basant panchami	<i>Reinwardtia indica</i>	Wild	Social and Economic	Available
97	Arnid	<i>Ricinus communis</i>	Wild	Social and Economic	Available
98	Junglee Palak	<i>Rumex hastatus</i>	Wild	Social and Economic	Available
99	Khar	<i>Saccharum bengalense</i>	Wild	Social and Economic	Available
100	Kai	<i>Saccharum spontaneum</i>	Wild	Social and Economic	Available
101	Reetha	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available



1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
102	Bari kasondi	<i>Senna occidentalis</i>	Wild	Social and Economic	Available
103	Kassod	<i>Senna siamea</i>	Wild	Social and Economic	Available
104	Cassia	<i>Senna sulfurea</i>	Wild	Social and Economic	Available
105	Panwar	<i>Senna tora</i>	Wild	Social and Economic	Available
106	Kezun grass	<i>Setaria sphacelata</i>	Wild	Social and Economic	Available
107	Kayan Kothi	<i>Solanum americanum</i>	Wild	Social and Economic	Available
108	Ban tamakoo	<i>Solanum erianthum</i>	Wild	Social and Economic	Available
109	Jamun	<i>Syzygium cumini</i>	Wild	Social and Economic	Available
110	Imli	<i>Tamarindus indica</i>	Wild	Social and Economic	Available
111	Phul dudi	<i>Tarxacum campylodes</i>	Wild	Social and Economic	Available
112	Arjun	<i>Terminalia arjuna</i>	Wild	Social and Economic	Available
113	Bahera	<i>Terminalia bellirica</i>	Wild	Social and Economic	Available
114	Harar	<i>Terminalia chebula</i>	Wild	Social and Economic	Available
115	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
116	Tunu	<i>Toona ciliata</i>	Wild	Social and Economic	Available
117	Jiyo	<i>Trema orientalis</i>	Wild	Social and Economic	Available
118	Pakhra	<i>Tribulus terrestris</i>	Wild	Social and Economic	Available
119	Kayalu	<i>Tulipa chusiana</i>	Wild	Social and Economic	Available
120	Bachita	<i>Urena lobata</i>	Wild	Social and Economic	Available
121	Bana	<i>Vitex negundo</i>	Wild	Social and Economic	Available
122	Pansar	<i>Wendlandia exserta</i>	Wild	Social and Economic	Available
123	Dhain	<i>Woodfordia floribunda</i>	Wild	Social and Economic	Available
124	Dhain	<i>Woodfordia fruticosa</i>	Wild	Social and Economic	Available
125	Dudhi	<i>Wrightia arborea</i>	Wild	Social and Economic	Available
126	Jojera	<i>Xanthium strumarium</i>	Wild	Social and Economic	Available
127	Timbru	<i>Zanthoxylum armatum</i>	Wild	Social and Economic	Available

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
128	Ber	<i>Ziziphus jujuba</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				
Mendak	<i>Nanorana minica</i>	wild	small frog	Stream & ponds	Available	Available	No use	Unknown	Unknown	Self observed
Water Spider	<i>Argyroneta aquatica</i>	Wild	kind of makdeam	Stream & stable wa	Available	Available	No use	Unknown	Unknown	Self observed
<i>Akk</i>	<i>Ipomea carnea</i>	<i>Shurb</i>		<i>Stream &amp; ponds</i>	<i>Available</i>	<i>Available</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>Self observed</i>
<i>Hygrilla</i>	<i>Hydrilla spp</i>	<i>Grass</i>		<i>Stream &amp; stable water</i>	<i>Available</i>	<i>Available</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>Self observed</i>
<i>Fish</i>	<i>Tor</i>	<i>Animal</i>		<i>Stream</i>	<i>Available</i>	<i>Available</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>Self observed</i>
<i>Frog</i>	<i>Rana temporaria</i>	<i>Animal</i>		<i>Stream</i>	<i>Available</i>	<i>Available</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>Self observed</i>
<i>Dinnu</i>		<i>wild</i>		<i>Stream</i>	<i>Available</i>	<i>Available</i>	<i>No use</i>	<i>Unknown</i>	<i>Unknown</i>	<i>Self observed</i>
<i>Sarkad</i>		<i>Wild</i>		<i>Stream</i>	<i>Available</i>	<i>Available</i>	<i>For eating</i>	<i>Unknown</i>	<i>Unknown</i>	<i>Self observed</i>
<i>Lotus</i>	<i>Nelumbo nucifera</i>	<i>soft plant</i>		<i>Ponds</i>	<i>Available</i>	<i>Available</i>	<i>Worship</i>	<i>Unknown</i>	<i>Unknown</i>	<i>Self observed</i>

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	Kamal	<i>Nelumbo nucifera</i>	local	Worshipping	unknown
2	Aak	<i>Calotropis gogantea</i>	local	None	unknown
3	Hydrilla	<i>Hydrilla verticillata</i>	local	None	unknown

**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	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Phulai or Fly	<i>Acacia modesta</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Simbal	<i>Bombax ceiba</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Garna	<i>Carissa spinarum</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Herbs	Khas Khas	<i>Chrysopogon zizanoides</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kapoor	<i>Cinnamomum camphora</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	

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	Fagora	<i>Ficus palmata</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Rumble	<i>Ficus racemosa</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Toot	<i>Morus alba</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Khajoor	<i>Phoenix sylvestris</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Reetha	<i>Sapindus mukorossi</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Imli	<i>Tamarindus indica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Climber	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	

**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>	Saag	Sub-tropical	Available	Available	Edible	Leaves	Unknown	unknown	Self addressed
Jangli Putna	<i>Mentha arvensis</i>	Putna	Sub-tropical	Available	Available	To cure stomach ache	Leaves	Unknown	unknown	self adressed
Jangli Palak	<i>Rumex dentatus</i>	Palak	Sub-tropical	Available	Available	Edible	Leaves	Unknown	unknown	Self addressed

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

**Format 24: Ornamental Plants**

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/ Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Rose	<i>Rosa</i>	Local	Sub tropical	Both	Garden	Unavailable	Self observed
Raat ki Ranni	<i>Cestrum nocturnum</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Gainda	<i>Tagetes</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Tulsi	<i>Ocimum tenuiflorum</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Cactus	<i>Cactaceae</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Aloevera	<i>Aloe barbadensis miller</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Ashoka	<i>Saraca asoca</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Bottle brush	<i>Callistemon Lanceolatus</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed



**Format 25: Fumigate / Chewing Plants**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Tree	Amrood	<i>Psidium guajava</i>	Local	Sub tropical	Available	Available	Oral health care	leaves, branches	unknown	fruit	self observed
Shrub	Bana	<i>Vitex negundo</i>	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	leaves have medicinal value	self observed
Tree	Shisham	<i>Dalbergia sissoo</i>	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	furniture wood	self observed
Tree	Neem	<i>Azadirachta indica</i>	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	leaves have medicinal value	self observed
Shrub	Peach	<i>Prunus persica</i>	Local	Sub tropical	Available	Available	Oral health care	leaves, branches	unknown	fruit	self observed
Climber	Giloy	<i>Tinospora sinensis</i>	Local	Sub tropical	Available	Available	Oral health care	stem	unknown	unknown	self observed
Shrub	Drenkari	<i>Murraya koenigii</i>	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	unknown	self observed
Tree	Khajoor	<i>Phoenix sylvestris</i>	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	fruits	self observed
Shurb	Garna	<i>Carissa spinarum</i>	Tree	Sub Tropical	Available	Available	Medical	Leaves, Flowers	Medical	NA	
Shurb	Brahmi buti	<i>Centella asiatica</i>	Tree	Sub Tropical	Available	Available	Medical	Leaves, Flowers	Medical	NA	

**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				
Talli	<i>Dalbergia sissoo</i>	Sub-tropical	Available	Available	Timber wood	wild	nil	self addressed
Tuni	<i>Toona ciliata</i>	Sub-tropical	Available	Available	Timber wood	wild	nil	self addressed
Safeda	<i>Corymbia citriodora</i>	Sub-tropical	Available	Available	Timber wood	wild	nil	self addressed
Simbal	<i>Bombax ceiba</i>	Sub-tropical	Available	Available	Timber wood	wild	nil	self addressed
Jamun	<i>Syzygium cumini</i>	Sub-tropical	Available	Available	Timber wood	wild	nil	self addressed
Chir	<i>Pinus roxburghii</i>	Sub-tropical	Available	Available	Timber wood	wild	nil	self addressed





**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	Leopard	<i>Panthera pardus</i>	Jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Reptiles	Snake	<i>Serpentes</i>	jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Squirrel	<i>Sciuridae</i>	jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Wild boar	<i>Sus scrofa</i>	jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Porcupine	<i>Erethizon deosatun</i>	jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Fox	<i>Vulpes vulpes</i>	Jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Birds	Jungle fowl	<i>Gallus</i>	jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed
Amphibian	Frog	<i>Anura</i>	jungle	Monsoon		available	available	Unknown	Unknown	Unknown	Nil	self observed
Birds	Grey francolin	<i>Francolinus pondicerianus</i>	jungle	All seasons		available	available	Unknown	Unknown	Unknown	Nil	self observed

**Format 29: Flora (Urban Biodiversity)**

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)

**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**

<b>1</b>	<b>2</b>	<b>3</b>
<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>
	Nil	

*End of Part II*