

## **People Biodiversity Register (PBR): General Details**

**Name of the Panchayat Samiti: Sangwali**

**Taluk: Ghagwa**

**District: Samba**

**State: J&K**

**Geographical Area of the Panchayat Samiti:**

**Population under the Panchayat Samiti: Total - 2235**

**Male:**

**Female:**

**Habitat and Topography: Sub-Tropical**

**Climate (Rainfall, Temperature and weather patterns)**

**Land Use (Nine fold classification available with village records)**

**Date, Month and Year of PBR Preparation: 30/09/2019**

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

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

n: Sh. Vijay Tagotra

vi

MPW)

**ids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources within the jurisdiction of the village**

alization:

n which the person accesses biological material: local/non local

the practitioner on the resource status:less local resources availble

e:

### **Annexure 3**

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

1) Name : Sh. Kewal Kumar

Age: 40

Gender: Male

Address: Sangwali

Area of specialization: Agriculture

2) Name : Sh. Sanjeev Samyal

Age: 50

Gender: Male

Address: Sangwali

Area of specialization: Agriculture

3) Name of the Chairperson: Sh. Jagdish Singh

Age: 45

Gender: Male

Address: Sangwali

Area of specialization: Fisheries

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*

### 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 Pura 1121 B- 370 Sarباتي	Low land	20.00H	Rare	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food & Fodder	Provides more energy	Suitable for "Valicha" cultivation	Agriculture Deptt. Ghawal	Kurichiya Kuruma W. Chetty
Maize	<i>Zeamays</i>	Makka	K- 517, 612 DD-9144	Lowland valleys	56.00H	Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	-do-	-do-	-do-	-do-	--
Wheat	<i>Tritiam Asitum</i>	Kanak	HD 2967 3086 HD 1086	-do-	138.00H	Plenty	Plenty	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	-do-	-do-		-do-	
	<i>Sesamum indicum</i>	Til				Plenty	Plenty			Oil				
	<i>Vigna radiala</i>	Maa				Rare	Rare			Food				
	<i>Brassica</i>	Sarya				Rare	Rare			Oil				

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	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August,	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
Tree			Amulaya, Sheveta, Punjab Pink					Dec. To January				
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>Citrus 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 medica</i>	Kimb	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record available in old books.	Processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus tangerina</i>	Narangi	Wild	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Record 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>Annona squamosa</i>	Custard Apple	Wild	Sub-tropical	Good	Good	Seedlings	March to August	Introduced by traders and domesticated locally.	Table purposes	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>Pyrus communis</i>	Nakh	Pathar Nakh	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Morus alba</i>	Shahtoot	Wild, China	Sub-tropical	Good	Good	Cuttings	March to July	Introduced by traders and domesticated locally.	Table purposes, leaves for rearing Silkworms.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Ficus carica</i>	Fakhwari	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Introduced by traders and domesticated locally.	Table purposes.	Own uses and sold in market	Popular in local population.
Soft Tree	<i>Carica papaya</i>	Papita	Wild, Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Record available in old books.	Table purposes.	Own uses and sold in market	Popular in local population.

**Format 3: Fodder Crops / Species**

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Fooder Barreem Oats	<i>Trifolium alexandrinum</i>	Chhatalla	All type	Fooder	Fooder	Agriculture Deptt. Ghagwal	--	All	--	--
SSG	<i>Penicum maxicum jacq</i>	Charrl	All type	Fooder	Fooder	Agriculture Deptt. Ghagwal	--	All	--	--

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					
Bathu	<i>Chinopodium album</i>	Bathu	Wheat	Decreasing of yield	All			Fooder	Manual weeding	--	--	
Dherv grass	<i>Cynodone dactylon</i>	Khabbal	All crops	Host of insect	All			Fooder	Chemical control	--	--	
Motha	<i>Cyperus rotundus</i>	Dela	All crops	Pest	All			Fooder	Post/Pre			
Gulli Danda	<i>Phalaris minor</i>	Sittu	Wheat	-do-	All			Fooder	-do-	--	--	
Parthenium	--	Congress grass	All crops & waste land	-do-	All			Nil	-do-	--	Import from USA with wheat seed	

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
Weeds	Grass Hopper	<i>Callifera</i>	Trida	Eat veg. area of Plant	Vegetative growth	Chemicals application	--	--	--
NA	Falls Armywrom	<i>liucinodes orbanlis</i>	Ludi	Nighteural Habbit	Knee hight stage	Chemicals application	--	--	--
Soil	Termite	<i>Isoptera</i>	Sink	eating roof & whole plant	attack in germination and maturity stage	Chemicals application	--	--	--
Grass	Red Pumpkin beetel	<i>Aulaphora fovecollis</i>	Bhundi	Veg. Portion	at veg. stage	Chemicals application	--	--	--
Forest waste land	Monkey	<i>Monkey Macoocafscuraris</i>	Bandhar	Cob and fruits	Fruting stage	Beatuy of drums (Mechanical control)	--	--	--
Forest waste land	Wild Bear	<i>Sas-serofa</i>	Jangli Suar	Cob and fruits	Fruting stage	Beatuy of drums (Mechanical control)	--	--	--
Weeds	Aphids Jassides	<i>Aphis gossypi</i>	Tela	Suking on veg. portion	Vegetative Stage	Chemicals application	--	--	--
Vegetative & Fruits	Snail	--	Chakki	Veg. & Fruits	Through out season	Chemicals application	--	--	--

Other details may include possible reasons for insects/animal attack

**Format 6: Markets for Domesticated animals**

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish
No specified market. Livestock is purchased directly from farmer's home	Monthly	Local/Crossbred Sheep	Sheep/Goat	Local	Main Market, Samba	Does not pertain to this department		
		Local/Crossbred Goat	Approx. 20 per month					
-do-	Monthly	Local/Crossbred Sheep	Sheep/Goat	Local	Hiranagar, Kathua			
		Local/Crossbred Goat	Approx. 20 per month					
-do-	Monthly	Local/Crossbred Sheep	Sheep/Goat	Local	Chadwal, Kathua			
		Local/Crossbred Goat	Approx. 10 per month					

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

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services

Examples of depending landscapes are agriculture landscape, rivers, forest etc.

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

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

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

**Format 8: Landscape**

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. Area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow Land											
Plains & Kandi areas			Plains	Hilly as well as	Forest land, Private, State lands	Broad leaved mainly	Domestic animals, Wildlife such as porcupine, Jackal etc.	Public, as well as pvt. And Govt. also		Plantation and agriculture			
			Hillocks	Plain terrain with gentle slope	Forest land, Private, State lands	Broad leaved and conifers	Domestic animals, Wildlife such as porcupine, Jackal etc.	Public, as well as pvt. And Govt. also		Plantation and agriculture			
Shiwalik areas			Hills	Hills with gentle slopes	Forest land, Private, State lands	Broad leaved and conifers	Domestic animals, Wildlife such as porcupine, Jackal etc.	Public, as well as pvt. And Govt. also		Plantation and agriculture			

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
Ponds			Forest land and Private land	Kamal, Bar Yan	Frogs,fishes, Torotoise, snakes,snail	Cattles,washing cloths,irrigation Drinking etc.	Public					
Streams			Forest land and Private land		Frogs,fishes, Torotoise, snakes,snail	Cattles,washing cloths,irrigation Drinking etc.	Public					
Tube well			Forest land and Private land		Frogs,fishes, Torotoise, snakes,snail	Cattles,washing cloths,irrigation Drinking etc.	Public					
Dug			Private		Frogs,fishes, Torotoise, snakes,snail	Cattles,washing cloths,irrigation Drinking etc.	Public					
Canals			Private		Snakes	--	Public					
Hand			Private		Frogs	Cattles	Public					

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

## DOMESTICATED BIODIVERSITY

**Format 11: Fruit Trees**

Format 11: Fruit Trees													
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						
Woody	Amb	<i>Mangifera indica</i>	Local, Dashehari,	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to	Sucking, table, processing	Record	Own uses and sold in market	Popular in local population.	
Tree			Malda, Amrapali,					August		vailable in old books.			
			Mallika, Langra, Swarn Rekha,										
			Chausa, Fazli, Totapuri, Ramkila, Baramasi.										
Woody	Lychee	<i>litchi chinensis</i>	Dehradun, Calcutti,	Sub-tropical	Good	Good	Layered plants.	March to	Table and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
Tree			Seedless, Rose					July					
			Scented										
Woody	Amrood	<i>Pidium guajava</i>	Local, Allahbad,	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
Tree			Sardar, Lalit, Arka					August,					
			Amulaya, Sheveta,					Dec. To					
			Punjab Pink					January					
Climber	Angoor	<i>Vitis vinifera</i>	Local, Perilet,	Sub-tropical	Good	Good	Cuttings	Feb. To	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
	Beauty Seedless	June											
Woody	Amla	<i>Emblica</i>	Local, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Processing	Record	Own uses and sold in market	Popular in local population.	
Tree		<i>officinalis</i>								vailable in old books.			
Woody	Mosammi	<i>Citrus sinensis</i>	Mosambi, Jaffa,	Sub-tropical	Good	Good	Grafted	March to Jan.	Table and processing.	Record	Own uses and sold in market	Popular in local population.	
Tree			Red Blood				Plants			vailable in old books.			
Woody	Sangtra	<i>Citrus reticlata</i>	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted	March to Jan.	Table and processing.	Record	Own uses and sold in market	Popular in local population.	
Tree							Plants			vailable in old books.			
Woody	Nimboo	<i>Citrus aurantifolia</i>	Local, Kagzi,	Sub-tropical	Good	Good	Grafted	March to Oct.	Processing.	Record	Own uses and sold in market	Popular in local population.	
Tree			Italian, Eureka				Plants			vailable in old books.			
Woody	Galgal	<i>Ctrus limon</i>	Local	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Processing.	Record	Own uses and sold in market	Popular in local population.	
Tree										vailable in old books.			
Woody								March to		Record		Popular in local	

Tree	Kimb	<i>Citrus medica</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.	
Woody	Jamiri	<i>Citrus jambhiri</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	Record	Own uses and sold in market	Popular in local population.	
Tree										Record available in old books.			
Woody	Mithoo	<i>Citrus limettoides</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record	Own uses and sold in market	Popular in local population.	
Tree										Record available in old books.			
Woody	Kumquat	<i>Citrus x floridana</i>	Local	Sub-tropical	Good	Good	Grafted	March to Jan..	Processing.	Record	Own uses and sold in market	Popular in local population.	
Tree							Plants			Record available in old books.			
Woody	Narangi	<i>Citrus tangerina</i>	Local	Sub-tropical	Good	Good	Grafted	March to Dec.	Ornamental and processing.	Record	Own uses	Popular in local population.	
Tree							Plants			Record available in old books.			
Woody	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted	March to Nov.	Table purposes	Record	Own uses and sold in market	Popular in local population.	
Tree							Plants			Record available in old books.			
Woody	Phowari	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record	Own uses and sold in market	Popular in local population.	
Tree	Ber									Record available in old books.			
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.	
Woody	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to	Processing	Record	Own uses and sold in market	Popular in local population.	
Tree								July		Record available in old books.			
Woody	Anar	<i>Punica granatum</i>	Local, Ganesh,	Sub-tropical	Good	Good	Cuttings	March to	Table purposes and processing	Record	Own uses and sold in market	Popular in local population.	
Tree			Kandhari,					July		Record available in old books.			
Woody	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to	Processing purposes	Record	Own uses and sold in market	Popular in local population.	
Tree								June		Record available in old books.			
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.	
Woody Tree	Bill	<i>Aegle marmalos</i>	Local	Sub-tropical	Good	Good	Seedlings	March to	Table purposes and processing	Record	Own uses and sold in market	Popular in local population.	
Woody Tree								July		Record available in old books.			
	Nakh	<i>Pyrus communis</i>	Pathar Nakh	Sub-tropical	Good	Good	Grafted	Feb. to	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
							Plants	June					
Woody			Local, Sun Red,				Grafted	Feb. to	Table purposes	Introduced by traders	Own uses and	Popular in local	

Tree	Aru	<i>Prunus persica</i>	Florida Sun	Sub-tropical	Good	Good	Plants	June	Table purposes and processing	and domesticated locally.	Own uses and sold in market	Popular in local population.	
Woody	Aloocha	<i>Prunus saliciana</i>	Kala Amritsari,	Sub-tropical	Good	Good	Grafted	Feb. to	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
Tree			Alucha				Plants	June					
Herb	Strawberry	<i>Fragaria x ananassa</i>	Chandler	Sub-tropical	Good	Good	Plant	Mach to	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
							Runners	May					
Woody Tree	Shahtoot	<i>Morus alba</i>	Local, China	Sub-tropical	Good	Good	Cuttings	March to	Table purposes, rearing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
Woody								July					
Tree	Fig	<i>Ficus carica</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.	
Woody	Dew	<i>Atrocarpus lakoocha</i>	Local	Sub-tropical	Good	Good	Seedlings	March to	Pickle Purposes.	Record	Own uses and sold in market	Popular in local population.	
Tree								July		vailable in old books.			
Woody Tree	Jackfruit	<i>Atrocarpus heterophyllus</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Pickle Purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.	
Soft	Papita	<i>Carica papaya</i>	Local Red Lady,	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Table purposes.	Record	Own uses and sold in market	Popular in local population.	
Tree			Pusa Nana							vailable in old books.			

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know.
						Past	Present					
Herbs	Dudlu	<i>Taraxacum officinale</i>		Temperate area	Root	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Herbs	Tarad	<i>Dioscorea belophylla</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/Temperate area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	brankad	<i>Adha toda vesica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Drainkdu	<i>Murraya koenigii</i>		Sub-Tropical area	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	Dussa	<i>Colebrookia oppositifolia</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Flower	N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	<i>Euphorbia royleana</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativa</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Bair	<i>Ziziphus xylocarpa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bheda	<i>Terminalia bellerica</i>		Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Bill-Patre	<i>Angle mermelos</i>		Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Tree	Drankh	<i>Melia azedarach</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community

Tree	Harad	<i>Terminalia chebula</i>		Lower shiwalik	Seed	Abundant	Abundant	Good for digestion	Stem/ Fruit	N.A	N.A	Generally, held by community
Tree	Jaman	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Kakad-Singhi	<i>Pistacia khinjuk</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Karal	<i>Bauhinia variegata</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Khair	<i>Acacia catechu</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Stem	N.A	N.A	Generally, held by community
Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	<i>Cordia dichotoma</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Mangoo	<i>Mangifera indica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/ Fruit	N.A	N.A	Generally, held by community
Tree	Retha	<i>Sapindus mukorossii</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	<i>Ficus racemosa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	<i>Albizzia lebeck</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Stem	N.A	N.A	Generally, held by community
Tree	Talli	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Trimbal	<i>Ficus auriculata</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Tuni	<i>Toona ciliata</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Arjun	<i>Terminalia arjuna</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Bark	N.A	N.A	Generally, held by community
Tree	Bheda			Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Bark	N.A	N.A	Generally, held by community
Tree	Amla	<i>Amblica officinales</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Bark	N.A	N.A	Generally, held by community
Tree	Neem	<i>Azadirachta indica</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Bark	N.A	N.A	Generally, held by community
tree	Khair	<i>Accacia catechu</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Bark	N.A	N.A	Generally, held by community

Shrubs	Bhang	<i>Cannabis sativum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Bark	N.A	N.A	Generally, held by community
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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

**Format 13: Ornamental Plants/ Trees/Climbers etc.**

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/non-commercial	Uses	Associated TK	Other details	Community/ Know. holder
Ornamental Tree	Araucaria	<i>Araucaria Columnaris</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antiviral, antiinflammatory	Foliage	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Panjtara	<i>Lagerstroemia Indica</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Astringent, diuretic	Pink Flowers in Summers	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Champa	<i>Michelia Champaca</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in leprosy, skin diseaes, ulcers	Highly fragrant yellow flowers	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Ashoka	<i>Polyalthia Longiflora</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antimicrobial, antiulcer etc	Avenue plant	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Royal Palm	<i>Roystionea Regia</i>		Nurseries	Non commercial	Ornamental/ Landscaping	-	Avenue plant	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Jiopota	<i>Putranjiva roxburghi</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in eye disorders, elephantiasis, micturition etc	Leaves resemble polyalthia longifolia	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Rain tree	<i>Samanea saman</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in diarrhea and stomach pain	Pink flowers, Mar-May	Floriculturists/ Nurserymen/Gardeners
Bushes/	Motia	<i>Jasminum sambac</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in Hepatitis, dysentery	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Bushes/	Nerium	<i>Nerium Oleander</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Bushes/	Chandni	<i>Tabernaenontana Divaricata</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Cough, eye diseases	Flower most of the year	Floriculturists/ Nurserymen/Gardeners
shrubs									
Bushes/	Kaner	<i>Thevetia Peruviana</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/Gardeners
Shrubs									
Bushes/	Ficus	<i>Ficus Beniamina</i>		Nurseries	Non commercial	Ornamental/	Skin inflammation, piles	Toniarv making	Floriculturists/



shrubs						Landscaping	Skin inflammation, pires	Topiary making	Nurserymen/Gardeners
Bushes/ shrubs /	Areca Palm	<i>Dyopsis lutescens</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Pain reliever, stomach ailments	Foliage plant	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Morpankh	<i>Thuja compacta</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Respiratory tract infections	Foliage Bush	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Golden Duranta	<i>Duranta repens</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Beneficial in itching, malaria, asthma etc.	Foliage, Edging	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Candytuft	<i>Iberis Umbellata</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Aids in digestion	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Petunia	<i>Petunia hybrid</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Digestive disorders, cough and cold	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Phlox	<i>Phlox Drtummedi</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Stomach and intestinal problems	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Gutta	<i>Tagetes Patula</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Nasturtium	<i>Tropaeolum Majus</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antibacterial, antifungal	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Kalga	<i>Celosia Agentia var. Cristula</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Liver ailments	Summer annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Guldaudi	<i>Chrysanthemum</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Diabetes, fever etc	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Coleus	<i>Coleus Blumei</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used to treat allergies, dry eye, UTI	Coloured foliage	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Guldopahar	<i>Portulaca Grandiflora</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antioxidant, antibacterial	Summer annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Gulab	<i>Rosa spp</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Calendula	<i>Calendula officinalis</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antioxidant	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Candytuft	<i>Iberis spp.</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Aids in digestion	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Ratanjot/ sadabahar	<i>Catharanthus roseus</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Anticancer	Perennial flower	Floriculturists/ Nurserymen/Gardeners

Herbs Seasonals	Salvia	<i>Salvia officinalis</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Ulcer, inflammation, diarrhea	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
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**Format 14: Timber Plants / Trees**

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Trees	Kiker	<i>Acacia nilotica</i>	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Trees	Mangoo	<i>Mangifera indica</i>	Lower shiwalik	Abundant	Abundant	Wild/ home-garden	own	nil	nil	Generally, held by community
Trees	Safeda	<i>Eucalyptus spp.</i>	Lower shiwalik	Rare	Abundant	Wild	commercial	nil	nil	Generally, held by community
Trees	Sree	<i>Albizia lebbeck</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Talli	<i>Dalbergia sissoo</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Tuni	<i>Toona ciliata</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Popular	<i>Populus ciliata</i>	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Chir	<i>Pinus roxburhii</i>	Lower shiwalik	Rare	Abundant	Wild	Own	nil	nil	Generally, held by community
Trees	Jammun	<i>Syzygium cumini</i>	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community

Trees	Khair	<i>Acacia catechu</i>		Rare	Rare	Wild				
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**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 and manure	<i>Desi Chai, Methre, Ajowain, Ganera</i>	Yes	Bones, skin and gut	Locals and nomads
Sheep	Bhed	<i>Ovis aries</i>	Rambouillet Cross	Large size, fine wool	Flock rearing	Least concern	Least concern	Mutton, hairs and manure	<i>Desi Chai, Methre, Ajowain, Ganera</i>	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hairs and manure	<i>Desi Chai, Methre, Ajowain, Ganera</i>	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hairs and manure	<i>Desi Chai, Methre, Ajowain, Ganera</i>	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	<i>Capra hircus</i>	Beetal	Large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hairs and manure	<i>Desi Chai, Methre, Ajowain, Ganera</i>	Yes	Bones, skin and gut	Locals and nomads
Dog		<i>Canis lupus familiaris</i>				Least concern	Least concern	Milk				
Cow		<i>Bos tarus</i>										

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



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

	1	2	4	5	6		7	8	9	10	11
Plant Type	Local name	Scientific Name	Habit	Habitat	Local Status		Commierical/ Own use	Part Collected	Associated TK	Others details	Community Knowledge Holder
					Past	Present					
Tree	Amlia	<i>Phyllanthus emblica</i>	Sub - Tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicinal use	Self observed	
Tree	Ber	<i>Ziziphus jujuba</i>	Sub - Tropical	Available	Available	Own Use	Fruits		Medicinal use	Self observed	
Tree	Bour	<i>Ficus benghalensis</i>	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown		Self observed	
Tree	Chilla	<i>Casearia tomentosa</i>	Sub - Tropical	Available	Available	Own Use	Leaf and Wood	Unknown		Self observed	
Tree	Chir	<i>Pinus roxburghii</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Kakoa	<i>Flacourtia indica</i>	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed	
Tree	Daronkal	<i>Murraya koenigii</i>	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed	
Tree	Dudaya	<i>Wrightia arborea</i>	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed	
Shrubs	Garna	<i>Carissa spinarum</i>	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed	
Tree	Jamun	<i>Syzygium cumini</i>	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes		Self observed	
Tree	Kamla	<i>Mallotus philippensis</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Khair	<i>Acacia catechu</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Kodh	<i>Aloe barbadensis</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Krongal	<i>Cassia fistula</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Lucenia	<i>Leucaena spp.</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Plah	<i>Butea monosperma</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Phulai	<i>Acacia modesta</i>	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Reetha	<i>Sapindus mukorossi</i>	Sub - Tropical	Available	Available	Own Use	Fruits and Wood			Self observed	
Shrubs	Santa	<i>Dodonaea viscosa</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Sarri	<i>Albezzia spp.</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Simbal	<i>Bombax ceiba</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Talli	<i>Dalbergia sisso</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Thub / Dudhruk	<i>Erythrina spp.</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Balugar	<i>Bauhinia vahlii</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Chuindi	<i>Xylosma longifolium</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Khini	<i>Ficus semicordata</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Kral	<i>Bauhinia variegata</i>	Sub - Tropical	Available	Available	Own Use	Leaves/Flowers			Self observed	
Tree	Lana	<i>Ficus hispida</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Dhaman	<i>Grewia optiva</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	



Tree	Charmod	<i>Ehretia spp.</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
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Tree	Badh	<i>Ficus religiosa</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Behra	<i>Terminalia bellirica</i>	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed	
Tree	Bilan	<i>Aegle marmelos</i>	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed	
Tree	Gandila	<i>Nerium oleander</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Gulmorh	<i>Delonix regia</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Oanni	<i>Lyonia ovalifolia</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Rumble	<i>Ficus racemosa</i>	Sub - Tropical	Available	Available	Own Use	Fruits/ Wood			Self observed	
Tree	Draink	<i>Melia azedarach</i>	Sub - Tropical	Available	Available	Own Use	Leaves/Wood			Self observed	
Tree	Harad	<i>Terminalia chebula</i>	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed	
Tree	Tunnu	<i>Toona ciliata</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Neem	<i>Azadirachta indica</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Plakh	<i>Ficus virens</i>	Sub - Tropical	Available	Available	Own Use	Leaves/Wood			Self observed	
Tree	Rehn	<i>Quercus lucotricophora</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	chamar sama	<i>Holoptelea integrifolia</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	lasura	<i>Cordia myxa</i>	Sub - Tropical	Available	Available	Own Use	Fruits/Wood			Self observed	
Tree	kassod	<i>Senna siamea</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	tantary	<i>Oroxylum indicum</i>	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Shrubs	Branked	<i>Justicia adhatoda</i>	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed	
Tree	Imli	<i>Tamarandis indica</i>	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed	
Tree	Cribul		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Kurri		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Narsino		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Pandal		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Rala		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Tai		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Salag		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Karmroo		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Khro		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	lanyan		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Karkai/katkai		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Gamai		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Kalam/kalen		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Karmanglu		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Tanda		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	mankarahan		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Amity		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Banhadma		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	

Tree	Gangara		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Kavita		Sub - Tropical	Available	Available	Own Use	Wood			Self observed	

### Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
SI. No	Local Name	Scientific Name	Variety	Importance(as economic, social, cultural etc.)	Status
	Rati	<i>Abrus precatorius</i>	Wild	Social and Economic	Available
	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
	Exotic acacia	<i>Acacia farnesiana</i>	Wild	Social and Economic	Available
	Phulai or Fly	<i>Acacia modesta</i>	Wild	Social and Economic	Available
	Kikar	<i>Acacia nilotica</i>	Wild	Social and Economic	Available
	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
	Bel	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
	Ramban	<i>Agave americana</i>	Wild	Social and Economic	Available
	Kala Siris	<i>Albizia lebbeck</i>	Wild	Social and Economic	Available
	Kramblu	<i>Albizia odoratissima</i>	Wild	Social and Economic	Available
	Safed siris	<i>Albizia procera</i>	Wild	Social and Economic	Available
	Kuad Gandal	<i>Aloe barbadensis</i>	Wild	Social and Economic	Available
	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
	Bamboo	<i>Bambusa bambos</i>	Wild	Social and Economic	Available
	Kachnar	<i>Bauhinia purpurea</i>	Wild	Social and Economic	Available
	Baloonger	<i>Bauhinia vahlii</i>	Wild	Social and Economic	Available
	Kachnar	<i>Bauhinia variegata</i>	Wild	Social and Economic	Available
	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
	Plaah	<i>Butea monosperma</i>	Wild	Social and Economic	Available
	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
	Chilla	<i>Casearia tomentosa</i>	Wild	Social and Economic	Available
	Krangal	<i>Cassia fistula</i>	Wild	Social and Economic	Available
	Aajan Grass	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
	Khas Khas	<i>Chrysopogon zizanioides</i>	Wild	Social and Economic	Available
	Kapoor	<i>Cinnamomum camphora</i>	Wild	Social and Economic	Available
	Bhus	<i>Cirsium arvense</i>	Wild	Social and Economic	Available

	Sanali or Dussa	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available
	Barna	<i>Crateva religiosa</i>	Wild	Social and Economic	Available

	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
	Deela	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
	Baans	<i>Dendrocalamus strictus</i>	Wild	Social and Economic	Available
	Palain	<i>Dichanthium annulatum</i>	Wild	Social and Economic	Available
	Kalu grass	<i>Dicliptera bupleuroides</i>	Wild	Social and Economic	Available
	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
	Duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available
	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
	Dhol Dhak	<i>Erythrina suberosa</i>	Wild	Social and Economic	Available
	Pangara	<i>Erythrina variegata</i>	Wild	Social and Economic	Available
	Safeda	<i>Eucalyptus camaldulensis</i>	Wild	Social and Economic	Available
	Thor	<i>Euphorbia royleana</i>	Wild	Social and Economic	Available
	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available
	Fagora	<i>Ficus palmata</i>	Wild	Social and Economic	Available
	Rumble	<i>Ficus racemosa</i>	Wild	Social and Economic	Available
	Badh or Pipal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
	Kakoa	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
	Lamb grass	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
	Aakh	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
	Kembal	<i>Lannea coromandelica</i>	Wild	Social and Economic	Available
	Panjphuli	<i>Lantana camara</i>	Wild	Social and Economic	Available
	Mithu grass	<i>Lathyrus sativus</i>	Wild	Social and Economic	Available
	Kamila	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
	Baryar	<i>Malvastrum coromandelianum</i>	Wild	Social and Economic	Available
	Aam	<i>Mangifera indica</i>	Wild	Social and Economic	Available
	Drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
	Kaam	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available

	Kua	<i>Olea europaea</i> subsp.	Wild	Social and Economic	Available
		<i>Cuspidata</i>	Wild	Social and Economic	Available

	Congress Grass or Jari	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
	Khajoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
	Daduni	<i>Punica granatum</i>	Wild	Social and Economic	Available
	Jojra	<i>Pupalia lappacea</i>	Wild	Social and Economic	Available
	Junglee Palak	<i>Rumex hastatus</i>	Wild	Social and Economic	Available
	Khar	<i>Saccharum bengalense</i>	Wild	Social and Economic	Available
	Kai	<i>Saccharum spontaneum</i>	Wild	Social and Economic	Available
	Reetha	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available
	Bari kasondi	<i>Senna occidentalis</i>	Wild	Social and Economic	Available
	Kassod	<i>Senna siamea</i>	Wild	Social and Economic	Available
	Cassia	<i>Senna sulfurea</i>	Wild	Social and Economic	Available
	Panwar	<i>Senna tora</i>	Wild	Social and Economic	Available
	Jamun	<i>Syzygium cumini</i>	Wild	Social and Economic	Available
	Imli	<i>Tamarindus indica</i>	Wild	Social and Economic	Available
	Phul dudi	<i>Tarxacum campylodes</i>	Wild	Social and Economic	Available
	Arjun	<i>Terminalia arjuna</i>	Wild	Social and Economic	Available
	Bahera	<i>Terminalia bellirica</i>	Wild	Social and Economic	Available
	Harar	<i>Terminalia chebula</i>	Wild	Social and Economic	Available
	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
	Tunu	<i>Toona ciliata</i>	Wild	Social and Economic	Available
	Jiyo	<i>Trema orientalis</i>	Wild	Social and Economic	Available
	Pakhra	<i>Tribulus terrestris</i>	Wild	Social and Economic	Available
	Bana	<i>Vitex negundo</i>	Wild	Social and Economic	Available
	Pansar	<i>Wendlandia exserta</i>	Wild	Social and Economic	Available
	Dhain	<i>Woodfordia floribunda</i>	Wild	Social and Economic	Available
	Dudhi	<i>Wrightia arborea</i>	Wild	Social and Economic	Available
	Jojera	<i>Xanthium strumarium</i>	Wild	Social and Economic	Available
	Timbru	<i>Zanthoxylum armatum</i>	Wild	Social and Economic	Available
	Ber	<i>Ziziphus jujuba</i>	Wild	Social and Economic	Available
	Cribul		Wild	Social and Economic	Available
	Tai		Wild	Social and Economic	Available
	Gagerada		Wild	Social and Economic	Available
	lanyan		Wild	Social and Economic	Available



	Banhadma		Wild	Social and Economic	Available
	Gangara		Wild	Social and Economic	Available
	Kavita		Wild	Social and Economic	Available
	Balugar		Wild	Social and Economic	Available
	Chuindi		Wild	Social and Economic	Available
	Doss/sanan		Wild	Social and Economic	Available
	Khini		Wild	Social and Economic	Available
	Kral		Wild	Social and Economic	Available
	Lana		Wild	Social and Economic	Available
	Dhaman		Wild	Social and Economic	Available
	Charmod		Wild	Social and Economic	Available
	Badh		Wild	Social and Economic	Available
	Behra		Wild	Social and Economic	Available
	Bilan		Wild	Social and Economic	Available
	Gandila		Wild	Social and Economic	Available
	Gulmorh		Wild	Social and Economic	Available
	Oanni		Wild	Social and Economic	Available
	Rumble		Wild	Social and Economic	Available
	Draink		Wild	Social and Economic	Available
	Harad		Wild	Social and Economic	Available
	Amb		Wild	Social and Economic	Available
	Soyanjana		Wild	Social and Economic	Available
	Tunnu		Wild	Social and Economic	Available
	Neem		Wild	Social and Economic	Available
	Plakh		Wild	Social and Economic	Available
	Rehn		Wild	Social and Economic	Available
	Chamar sama		Wild	Social and Economic	Available
	Lasura		Wild	Social and Economic	Available
	Kassod		Wild	Social and Economic	Available
	Tantary		Wild	Social and Economic	Available
	BRANKED		Wild	Social and Economic	Available
	KHAR		Wild	Social and Economic	Available
	Sagwan		Wild	Social and Economic	Available
	Imli		Wild	Social and Economic	Available



**Format 21 : Wild Aquatic Plant Species of Importance**

1	2	3	4	5	6	7	8
S.No.	Local Name	Scientific Name	Variety	Features	Habitat	Importance	Trends
1	Duck Weed	<i>Lemna sps</i>	Floating	Lemna major grow as simple free-floating thalli on or just beneath the water surface. Most are small, not exceeding 5 mm in length.	On the surface of water of ponds	Used as a livestock feed and manure for fields	
	Rati	<i>Abrus precatorius</i>					
	Khair	<i>Acacia catechu</i>					
	Exotic acacia	<i>Acacia farnesiana</i>					
	Phulai or Fly	<i>Acacia modesta</i>					
	Kikar	<i>Acacia nilotica</i>					
	Parkanda	<i>Achyranthes aspera</i>					
	Bel	<i>Aegle marmelos</i>					
	Nuriya	<i>Aerva sanguinolenta</i>					
	Kala Siris	<i>Albizia lebbek</i>					
	Kramblu	<i>Albizia odoratissima</i>					
	Chaleri Saag	<i>Amaranthus viridis</i>					
	Seski	<i>Artemisia parviflora</i>					
	Kathal	<i>Artocarpus heterophyllus</i>					
	Neem	<i>Azadirachta indica</i>					
	Bamboo	<i>Bambusa bambos</i>					
	Bamboo	<i>Bambusa nutans</i>					
	Kachnar	<i>Bauhinia purpurea</i>					
	Baloonger	<i>Bauhinia vahlii</i>					
	Kachnar	<i>Bauhinia variegata</i>					
	Simbal	<i>Bombax ceiba</i>					
	Jungli toot	<i>Broussonetia papyrifera</i>					
	Plaah	<i>Butea monosperma</i>					
	Bhang	<i>Cannabis sativa</i>					
	Chilla	<i>Casearia tomentosa</i>					
	Aajan Grass	<i>Cenchrus ciliaris</i>					
	Brahmi buti	<i>Centella asiatica</i>					
	Karun	<i>Chenopodium murale</i>					
	Khas Khas	<i>Chrysopogon zizanoides</i>					
	Bhus	<i>Cirsium arvense</i>					
	Sanali or Dussa	<i>Colebrookea oppositifolia</i>					
	Safeda	<i>Corymbia citriodora</i>					

	Barna	<i>Crateva religiosa</i>				
	Amar Bel	<i>Cuscuta reflexa</i>				
	Doob Grass	<i>Cynodon dactylon</i>				
	Shudri	<i>Cynoglossum lanceolatum</i>				
	Deela	<i>Cyperus rotundus</i>				
	Tali	<i>Dalbergia sissoo</i>				
	Dhatura	<i>Datura stramonium</i>				
	Baans	<i>Dendrocalamus strictus</i>				
	Palain	<i>Dichanthium annulatum</i>				
	Kalu grass	<i>Dicliptera bupleuroides</i>				
	Sadhun	<i>Dioscorea melanophyma</i>				
	Santha	<i>Dodonaea viscosa</i>				
	Duranta	<i>Duranta erecta</i>				
	Chamror	<i>Ehretia laevis</i>				
	Dhol Dhak	<i>Erythrina suberosa</i>				
	Pangara	<i>Erythrina variegata</i>				
	Safeda	<i>Eucalyptus camaldulensis</i>				
	Hybrid safeda	<i>Eucalyptus tereticornis</i>				
	Bubbeain	<i>Eulaliopsis binata</i>				
	Thor	<i>Euphorbia royleana</i>				
	Trimbal	<i>Ficus auriculata</i>				
	Bohr	<i>Ficus benghalensis</i>				
	Fagora	<i>Ficus palmata</i>				
	Rumble	<i>Ficus racemosa</i>				
	Badh or Pipal	<i>Ficus religiosa</i>				
	Kakoa	<i>Flacourtia indica</i>				
	Kanphuta	<i>Flemingia chappar</i>				
	Bhattani	<i>Gomphrena celosioides</i>				
	Dhaman	<i>Grewia optiva</i>				
	Lamb grass	<i>Heteropogon contortus</i>				
	Aakh	<i>Ipomoea carnea</i>				
	Brenker	<i>Justicia adhatoda</i>				
	Kemal	<i>Lansea coromandelica</i>				
	Panjphuli	<i>Lantana camara</i>				
	Mithu grass	<i>Lathyrus sativus</i>				
	Kamila	<i>Mallotus philippensis</i>				
	Kua	<i>Olea europaea subsp.</i>				
		<i>cuspidata</i>				
	Congress Grass or Jari	<i>Parthenium hysterophorus</i>				
	Deena nath grass	<i>Pennisetum pedicellatum</i>				

### Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, tree)	Local name	Scientific Name	Variety	Landscape /Habitat	Local Status		Associated TK	Uses(usage)	Part used	Others details market/own use	Community/ Knowledge Holder
					Past	Present					
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub-tropical	Available	Available					
Tree	Phulai or Fly	<i>Acacia modesta</i>	Wild	Sub-tropical	Available	Available					
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-tropical	Available	Available					
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-tropical	Available	Available					
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-tropical	Available	Available					
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-tropical	Available	Available					
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-tropical	Available	Available					
Tree	Simbal	<i>Bombax ceiba</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinarum</i>	Wild	Sub-tropical	Available	Available					
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-tropical	Available	Available					
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-tropical	Available	Available					
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					
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-tropical	Available	Available					

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

Other details: Harvesting period /Perennial/annual/seasonal

**Format 23: Wild relatives of Crops**

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Knowledge holder
				Past	Present					
Chaleri Saag	<i>Amaranthus viridis</i>		Sub-tropical	Available	Available		Whole plant			
Jangli Putna	<i>Mentha specata</i>		Sub-tropical	Available	Available		Leave			

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
Panjtara	<i>Lagerstroemia Indica</i>		Terrestrial	Non commercial	Astringent, diuretic	Pink Flowers in Summers	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Champa	<i>Michelia Champaca</i>		Terrestrial	Non commercial	Used in leprosy, skin diseaes, ulcers	Highly fragrant yellow flowers	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Ashoka	<i>Polyalthia Longiflora</i>		Terrestrial	Non commercial	Antimicrobial, antiulcer etc	Avenue plant	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Royal Palm	<i>Roystionea Regia</i>		Terrestrial	Non commercial	-	Avenue plant	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Jiopota	<i>Putranjiva roxburghi</i>		Terrestrial	Non commercial	Used in eye disorders, elephantiasis, micturition etc	Leaves resemble polyalthia longifolia	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Rain tree	<i>Samanea saman</i>		Terrestrial	Non commercial	Used in diarrhea and stomach pain	Pink flowers, Mar-May	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Motia	<i>Jasminum sambac</i>		Terrestrial	Non commercial	Used in Hepatitis, dysentery	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Juniper	<i>Juniperus Horizontalis</i>		Terrestrial	Non commercial	UTI infections	Bush, Topiary	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Nerium	<i>Nerium Oleander</i>		Terrestrial	Non commercial	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Chandni	<i>Tabernaenontana Divaricata</i>		Terrestrial	Non commercial	Cough, eye diseases	Flower most of the year	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	Theraputic uses	Foilage and flowers	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Lal patti	<i>Iresine pp</i>		Terrestrial	Non commercial	Anti pyretic	Red foliage, Edging	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Candytuft	<i>Iberis Umbellata</i>		Terrestrial	Non commercial	Aids in digestion	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Petunia	<i>Petunia hybrid</i>		Terrestrial	Non commercial	Digestive disorders, cough and cold	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				

Gutta	<i>Tagetes Patula</i>		Terrestrial	Non commercial	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Verbena	<i>Verbenax Hybriuda</i>		Terrestrial	Non commercial	Respiratory diseases	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Guldaudi	<i>Chrysanthemum</i>		Terrestrial	Non commercial	Diabetes, fever etc	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Coleus	<i>Coleus Blumei</i>		Terrestrial	Non commercial	Used to treat allergies, dry eye, UTI	Coloured foliage	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Guldopahar	<i>Portulaca Grandiflora</i>		Terrestrial	Non commercial	Antioxidant, antibacterial	Summer annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Gulab	<i>Rosa spp</i>		Terrestrial	Non commercial	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Calendula	<i>Calendula officinalis</i>		Terrestrial	Non commercial	Antioxidant	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Candytuft	<i>Iberis spp.</i>		Terrestrial	Non commercial	Aids in digestion	Winter annual flower	Floriculturists/ Nurserymen/Gardeners
			Subtropical				
Ratanjot/ sadabahar	<i>Catharanthus roseus</i>		Terrestrial	Non commercial	Anticancer	Perennial flower	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>							
Exotic acacia	<i>Acacia farnesiana</i>							
Phulai or Fly	<i>Acacia modesta</i>							
Kikar	<i>Acacia nilotica</i>							
Parkanda	<i>Achyranthes aspera</i>							
Kala Siris	<i>Albizia lebbek</i>							
Kramblu	<i>Albizia odoratissima</i>							
Safed siris	<i>Albizzia procera</i>							
Neem	<i>Azadirachta indica</i>							
Kachnar	<i>Bauhinia purpurea</i>							
Kachnar	<i>Bauhinia variegata</i>							
Simbal	<i>Bombax ceiba</i>							
Jungli toot	<i>Broussonetia papyrifera</i>							
Plaah	<i>Butea monosperma</i>							
Krangal	<i>Cassia fistula</i>							
Safeda	<i>Corymbia citriodora</i>							
Barna	<i>Crateva religiosa</i>							
Palain	<i>Dichanthium annulatum</i>							
Santha	<i>Dodonaea viscosa</i>							
Chamror	<i>Ehretia acuminata</i>							
Dhol Dhak	<i>Erythrina suberosa</i>							
Trimbal	<i>Ficus auriculata</i>							
Bohr	<i>Ficus benghalensis</i>							
Fagora	<i>Ficus palmata</i>							
Rumble	<i>Ficus racemosa</i>							
Badh or Pipal	<i>Ficus religiosa</i>							
Kakoa	<i>Flacourtia indica</i>							
Kanphuta	<i>Flemingia chappar</i>							
Dhaman	<i>Grewia optiva</i>							
Kembal	<i>Lannea coromandelica</i>							
Kamila	<i>Mallotus philippensis</i>							
Aam	<i>Mangifera indica</i>							
Drehnk	<i>Melia azedarach</i>							
Khajoor	<i>Phoenix sylvestris</i>							
Amla	<i>Phyllanthus emblica</i>							
Chir	<i>Pinus roxburghii</i>							
Daduni	<i>Punica granatum</i>							
Jamun	<i>Syzygium cumini</i>							
Arjun	<i>Terminalia arjuna</i>							

Bahera	<i>Terminalia bellirica</i>							
Harar	<i>Terminalia chebula</i>							
Tunu	<i>Toona ciliata</i>							
Jiyo	<i>Trema orientalis</i>							
Bachita	<i>Urena lobata</i>							
Cribul								
kangi								
lanyan								
Karmanglu								
Tanda								
no name								
Kavita								
Balugar								
Chuindi								
Doss/sanan								
Khini								
Kral								
Lana								
Dhaman								
Charmod								
Badh								
Behra								
Bilan								
Gandila								
Gulmorh								
Oanni								
Rumble								
Draink								
Harad								
Amb								
Soyanjana								
Tunnu								
Neem								
Plakh								
Rehn								
chamar sama								
lasura								
kassod								
tantary								
KHAR								
Sagwan								
Imli								







## URBAN BIODIVERSITY

### Format 29: Flora

1	2	3	4	5	6	7	8	9
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)	Nature of inhabitants	No. of HHs

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





<b>Format 31: Any other information of local importance</b>		
<b>1</b>	<b>2</b>	<b>3</b>
<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>
	none	

*End of Part II*