People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti Dodla
Taluk: Bhoond
District: Kathua
State: Jammu and kashmir
Geographical Area of the Panchayat Samiti: 310 hectares
Population under the Panchayat Samiti: Total 2184
Male: 1095 Female: 1089
Habitat and Topography: 18
Climate (Rainfall, Temperature and weather patterns) Rainfall
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation: 30/11/2019
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Annexure 1

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

1)Name of the Chairperson: Rattan Singh

Age: 55

Gender: Male

Address: W.NO 1 Panchayat Dodla

Area of specialization:

2) Name: Kartar Singh

Age: 51

Gender: Male

Address: W.NO 2 Panchayat Dodla

Area of specialization:

3)Name: Neelamo Devi

Age: 45

Gender: Female

Address: W.NO 1 Panchayat Dodla

Area of specialization:

4)Name: Chamil Singh

Age: 65

Gender: Male

Address: W.NO 6 Panchayat Dodla

Area of specialization:

5)Name: Jeevan Kumar

Age: 32

Gender: Male

Address: W.NO 3 Panchayat Dodla

Area of specialization:

6)Name: Dorri Begum

Age: 54

Gender: Female

Address: W.NO 5 Panchayat Dodla

Area of specialization:

7)Name: Narian Dutt

Age: 55

Gender: Male

Address: W.NO 2 Rehan Basoli

Area of specialization:

Annexure-2
List of Vaids, 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:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
3) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
2) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
3) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Aı	Annexure 4									
	ils of schools, colleges, departments, universities, government institutions, non- rnmental organization and individuals involved in the preparation of the PBR ontact Person: me and Address: ontact Person: me and Address: ontact Person:									
1)	Contact Person:									
	Name and Address:									
2)	Contact Person:									
	Name and Address:									
3)	Contact Person:									
	Name and Address:									
4)	Contact Person:									
	Name and Address:									
Yo	u may add names of more institutions/NGO/Individuals etc, if necessary									

Annexure 5

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

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

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	Variety	Landscape	Approx.	Local	l Status	Special features	Cropping	Uses	Associated	Other details	Source of	Community/ Knowledge
Crop	Scientific Name	Name	variety	/ Habitat	area shown	Past	Present	Special leatures	season	o ses	TK	Other details	Seeds/Plants	Holder
	Oryza sativa	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
Rice	Oryza sativa	Dhan, Munji	PR-113	Suitable for Sub Tropical areas . Matures in 135 - 140 day approx.		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder		Suitable for Cultivation in Low land, Mid HillsAreas, Hot & Humid Climate	Agri. Deptt.	
	Oryza sativa	Dhan, Munji	IR-8	Plant Height 140- 145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	Oryza sativa	Dhan, Munji	Jaya	Plant Height 140- 145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	Oryza sativa	Dhan, Munji	Begumi	160-165 cm		Abundant	Rare	Tall in height, sweet in taste, High starch Content	June - Oct	Food Fodder	More Nutritive Value	Suitable of Plain & Mid Hills	Local	Pahari community

	Triticum aestivum	Kanak	HD-2967	150-155 cm	Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Wheat	Triticum aestivum	Kanak	Raj -3077	135-140 cm	Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Wileat	Triticum aestivum	Kanak	Raj-3765	125-130 cm	Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	Triticum aestivum	Kanak	Sonalika	150-155 cm	Abundant	Rare	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Maize	Zea mays	Makk, kukri, challi, Buhtta, jobawr	Ganga Safed -2	White grain Hyb. Suitable for Sub- tropical. Mauturees in 95- 100 days	Abundant	Abundant	Hight yeilding Varity	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
IVIUIZO	Zea mays	Makk, kukri, challi, Buhtta, jabawr	Vijay	Composite Maize Yellow grain variety High Yielding Vaiety suitable for Mid Hills	Abundant	Abundant	High yeilding Varity	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Til	Seasamum indicum	til	Punjab til -1	White seed Variety . Matures in 80-85 days . Plant hight 1.3- 1.6 mtr.	Abundant	Abundant	High yeilding Varity	June- Oct	Oil,		Suitable of Plain & Mid Hills	Agri. Deptt.	
Pulses (Mash)	Vigna mungo	Maa/ Mash	T-9	Matures in 85-90 days. Suitable for plain & Mid hills	Abundant	Abundant	High yeilding Varity	June- Aug	Food	hight Protein contents	Suitable of Plain & Mid Hills	Agri. Deptt.	

Okra	Abelmoschus esculentus Moench	Bhindi	Pusa A-4	Dark green andfruit size 12- 15 cm long	Abundant	Abundant	High yield Variety, tolerant to YVM and aphids, First picking starts in 45 days	Feb- March June- July (rainy season	Food		Suitable of Plain & Mid Hills	Agri. Deptt.	
Tomato	Solanum lycopersicum	Tamatar,	Kashi (DVRT-2)	Plant are Green, Fruit are red, spherical medium to large sized	Abundant	Abundant	First harvest at 70- 75 days after transplanting . Resistant to TLCV.	Transplant ing Jan to Mid Feb	Food	Resistant to TLCV.	Suitable of Plain & Mid Hills	Agri. Deptt.	
Knol khol	Brassica oleracea	Kadam	Purple Vienna	Cool & moist climate	Abundant	Abundant	Matures in 70-75 days.Knobs are purplish & fleshy greenish white.	mainly as a winter crop.	As vegetable pickles.	Rich in fibre.	For early crop sandy or sandy loam soils & for late crop clay loam &silty soils are preffered.	Agri. Deptt.	
Ginger	Zingiber officinale	Adrak											
Berseem	Trifolium alexandrinum	Berseem											
Onion	Allium cepa	Gande											
Garlic	Allium sativum	Lassuh											
Potato	Solanum tuberosum	Aaloo											
Spinach	Spinacia oleracea	Palak											
Raddish	Raphanus sativus	Muli											

Chilli	Capsicum frutescens	Mirch							
Turmeric	Curcuma longa	Haldi							
Squash	Cucurbita	Pumpkin			-				

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		6		6		8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Local	Local Status		Season of	Associated TK	Uses	Other details market /					
1 iant	Scientific Name	Local Name	variety	Habitat	Past	Present	Seeds/Plant s	Fruiting	Associated TK	Uses	own use	Knowledge holder				
Papaya	Carica papaya	Papita	Desi unbudded	Agricultural Land	Available	Available	-	Seeds/ Plants	All season	Own uses	_	-				
Mandarin	Citrus reticulata	Sangtra	Desi unbudded	Agricultural Land	Rare	Rare	-	Seeds/ Plants	April-September	Own uses	_	-				
Grapes	Vitis vinifera	Angoor	Desi unbudded	Agricultural Land	Rare	Rare	-	Seeds/ Plants	June-september	Own uses	_	_				
Anola	Phyllanthus emblica	Amla	Desi unbudded	Agricultural Land	Rare	Rare	-	Plants	October-December	Own uses	_	_				
Custrad Apple	Annona reticulata	Sita Phal	Desi unbudded	Agricultural Land	Rare	Rare	-	Plants	August - November	Own uses	-	-				
Pear	Pyris communis	Nakh	Desi unbudded	Agricultural Land	Rare	Rare	-	Plants	August - November	Own uses	_	_				
Sweet Lime	Citrus limettoides	Metha	Desi unbudded	Agricultural Land	Rare	Rare	-	Seeds/ Plants	April-May	Own uses	_	_				
Pomergranate	Punica granatum	Anaar	Desi unbudded	Agricultural Land	Rare	Rare	-	Seeds/ Plants	April-May	Own uses	_	_				
Guava	Psidium guajava	Amrud	Desi unbudded	Agricultural Land	Available	Available	-	Seeds/ Plants	August - November	Own uses	_	_				
Lemon	Citrus aurantifolia	Nimbu	Desi unbudded	Agricultural Land	Available	Available	-	Seeds/ Plants	November- December	Own uses	_	-				
Trimbli		Trimbli	Desi unbudded	Agricultural Land	Rare	NA	-	Plants	May-June	Own uses	_	-				
Banana	Musa paradisica	Kela	Desi unbudded	Agricultural Land	Rare	Rare	_	Plants	July-August	Own uses	_	_				

Rare

Rare

Available

Rare

Seeds/ Plants

Plants

March-July

May-June

Own uses

Own uses

_

Jamun

Rubus

Syzygium cumini

Rubus ellipticus

Jamun

Akhra

Desi unbudded

Wild unbudded

Agricultural Land

Agricultural Land

Bael	Aegle marmelos	Bael	Wild unbudded	Agricultural Land	Rare	Rare	_	Seeds/ Plants	March-June	Own uses	-	-
Wild Khajoor	Phoenix sylvestris	Wild Khajoor	Wild unbudded	Agricultural Land	Rare	Rare	_	Seeds/ Plants	October-December	Own uses	_	_
Kamlu		Kamlu	Wild unbudded	Agricultural Land	Rare	Rare	ı	Plants	May-June	Own uses	ı	_
Almond	Prunus dulcis	Badam	Californi	Agricultural Land	Rare	Rare	I	Plants	Feb-April	Own uses	ı	_
Phagwari	Fragarria nubicola	Phagwaara	Wild unbudded	Agricultural Land	Rare	Rare	I	Seeds/ Plants	April-June	Own uses	ı	_
Toot	Morus indica	Shahtoot	Wild unbudded	Agricultural Land	Rare	Rare	ı	Plants	July-August	Own uses	ı	_
Peach	Prunis persica	Aado	Selection	Agricultural Land	Rare	Rare	I	Seeds/ Plants	March-June	Own uses	ı	_
Karonda	Carissa carandas	Garna	Wild unbudded	Agricultural Land	Rare	Rare	-	Seeds/ Plants	March-August	Own uses	-	_
Ber	Zizyphus mauritiana	Ber	Wild unbudded	Agricultural Land	Rare	Available	I	Seeds/ Plants	Feb-April	Own uses	ı	_
Mango	Mangnifera indica	_	_	_	I	_	I	_	_	I	ı	_
Plum	Prunus dulcis	Aloo bakhara	Satluj/ sanat/ Rosa	Agricultural Land	Rare	Rare	-	Seeds/ Plants	March-July	Own uses	-	_
Applwe	Malus domestica	Seb	Royal, golden, delicious	Agricultural Land	Rare	Rare		Plants	March-July	Own uses	_	_

Format 3: Fodder Crops / Species

1	2	3	4	:	5		7	8	9	10
DI 4	Scientific	Local	I Jan / Halland	Local	Status	Source of	Associated	Part	045 - 1443	Community /
Plant	Name	Name	Landscape / Habitat	Past	Present	Plants / Seeds	TK	Used	Other details	Knowledge holder
Sorghum	Sorghum bicolor	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 capcity are best suitable for its cultivation	
Berssem	Trifolium alexandrinum	Beerseen	winter forage.	Plenty	Plenty	Agri. Deptt.	Rich in protein and minerals	Part used whole plant. Repeated cuts can be taken.	Improves phyical condion of soil . It can be grown in all types of soil expect very light sandy soil	
Bajra	Pennisetum glaucum									
Dhaman	Grewia optiva									
Karal	Bauhinia variegata									

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
DI 4	G : (C N	. 137	Affected		Landscape /	Local	Status		.	Associated	Other details	Community /
Plant	Scientific Name	Local Name	crop	Impact	Habitat	Past	Present	Uses if any	Management options	TK	like exotic	Knowledge holder
shol		Shol	Paddy	Broad leaf and consumed the nutrients of the plants and reduces the production	floating on the water	Plenty	Plenty	Nil	Drying of paddy field as a result leafs dry	-	Hady and wider adoptability, multiply very fast	Pahari Community
Shama		Shama	Paddy	compete with nutritions, light and space with Paddy crop and reduces the production	Tall growing just like paddy	Plenty	Plenty	Nil	Use of weedicide	-	-	-
Bathua	Chenopodium sp	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	Phalaris minor	Sitti, Gehoon ka mama, Gulli Danda	Wheat	Compete with nutritions, light and space with wheat crop and reduces the productionNarrow Leav 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	
Dhoob	Cynodon dactylon	Dhoob	Maize	Weed emerg with the germination with Maize seed and grow along with plants till the early growth period and cause sever crop weed compitation.	Grows with Maize crop	Plenty	Plenty		1). 2-3 Weeding follwed by earthingup. 2). pre emergence appliation Atrazine @ 1-1.25 Kg / per ha of 50% WP		Losses caused by Weeds are more during early stage than in later stages.	

Putna	Mentha arvensis						
Congress grass	Parthenium hysterophorus						
Panjfulli	Lantana camara						

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	Hieroglyphus niogrorepletum	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	
Paddy	Rice Hisppa	Dicladispa armigera	Neela tittu	Appeagrs in all varieties of rice	July -Sep	Clip the affected tips of leaves before transplanting	Quinalphos 25EC 1 litre per ha in 750 ltr of water	The grubs this pest mine into the leaves and adults are external fedders.	
Wheat	Field Rats	Bandicota sp. Tatera sp.	Chua, Kees,	Burrow in soil .Rats are found in nearly all areas of Earth which are inhabited by human beings.	through out the year	1. Poison baiting 2. bund trimming to minimize harborage 3. use indigenous traps	Thjey cause have loss to standing wheat crop and harvested crop in stores.	Domestic rats differ from wild rats in many ways. They are calmer and less likely to bite; they can tolerate greater crowding; they breed earlier and produce more offspring; and their brains, livers, kidneys, adrenal glands, and hearts are smaller	

Wheat	Termites	Microtermes obesi	seenak, seonk, white ant,	Generally appears at wet places, lives in nests made under ground		1. Destroy termitaria in an around field 2. Never use raw FYM 3. For termites control in standing crop, dilute 41 of chlorpyriphos 20EC in 51 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 gound in colonies.	The demage plant dry up completely and are easily pulled out	
	Stem borer	Chilo partellus	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 immediately after germination and causes dead hearts in young plants .	The adult is medium sized straw coloured moth. The caterpiller is dirty white in color with short bristly hair on its body	
Maize	Cut Worm	Agrotis ipsilon	Luhri	Occurs through out the country but especially Hilly areas	July onward .	1. Install light traps @2/Ha 2. Install Pheromones traps @40/Ha to attract to kill the male moths 3. Chlorpyriphos 30EC@3ml/of water	Larva cut the seedling at the ground level .	They live in soil during the day and feed at night . The caterpiller are in grey in colour	
cole crops	Cabbage butterfly	Pieris brassicae	Titali	The large white butterfly's habitat consists of large, open spaces, as well as farms and vegetable gardens, because of the availability of its food source.	Oct onwards	Release of Trichogramma chilionis @50000 adults/ha per release (6 times)at weekly interval in Mid January			

Vegetable	Fruit fly	Bactrocera cucurbitae	Titali	Fruit flies are of concern both as nuisance pests and as serious contaminators of food.		1. Install methyl eugenol traps @ 5-100/Ha 2. Spray Malathion @ 1ml +10 Grms gur/ ltr of water at evening hours when fruits flies are congregated on the leave surface.	Female fruit flies lay their eggs on the surface of rotting fruits and vegetables. Each female may lay as many as 500 eggs. These eggs hatch into larvae which molt twice before becoming fully grown.	Adults may be dull yellowish, brownish yellow, or brownish black in color and range from 1/10 to 1/5 inch long. Most species have red eyes. Larvae are very small (ranging from 1/10 to 1/5 inch long), dirty white, and maggot-shaped. They can be recognized by the stalked posterior spiracles on the last abdominal segment.	
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			Format 6: Markets f	or Domesticated ar	nimals			
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

				Format 7: Peo	oplescape					
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	
Maj	jor Landsca	npes	Sub -	Feature s			General		Management		Associated		Community	
Agricultural land	Pond	Fallow land	Landscape s	approx. area	Ownership	General flora	fauna	User groups	practices	General uses	TK	Other details	accessed	
Cultivated	Not	Not	Cultivated	-	Private	Local Plants&somew	Insects	Local People	Modern Agricultral	Agricultral	Unknown	Unknown	Local People	
Land	Applicable	Applicable	Land		Tirvace	ild Plants	msects	Local Teople	Practices				Local Teople	
Irrigated land	Not applicable	Not applicable	Irrigated Land	1	Govt. & Private	Acquatic Plants	Insects	Local People	Modern Agricultral Practices	Agricultural	Unknown	Unknown	Local People	
Forest Land	Not applicable	Not applicable	Forest Land	1	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	1	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,Bryophyt es	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
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	1	8	9	10	11	12	13
Plant Type	Local Name	Scientific	Variety	Landscape/	Local	Status	Source of	Season of	Uses	Associated	Other details market/own	Community/ Know.
Trant Type	Local Name	Name	v arrety	Habitat	Past	Present	plant/seeds	Fruiting	(usage)	TK	use	holder
Mango	Mangifera indica	Aam	Dashrei Amrapali Malika	Agricultural Land	Available	Abundant	Seeds/ Plants	March-july	_	_	Own/ Market	-
Apple	Malus domesticta	Seb	Royal red/ Golden delicious	Agricultural Land	Rare	Rare	Plants	March-july	_	-	Own/ Market	_
Guava	Psidium guajava	Amrud	L-49 Allahabad safeda	Agricultural Land	Rare	Available	Seeds/ Plants	August- december	1	_	Own/ Market	_
Lemon	Citrus aurantifolia	Nimbu	Kagzi, Kumkath	Agricultural Land	Available	Available	Seeds/ Plants	November- december	1	_	Own/ Market	_
Mousambi	Citrus aurantifolia	Mosambi	Grafted	Agricultural Land	Rare	Rare	Seeds/ Plants	April- September	1	_	Own/ Market	_
Sweet Lime	Citrus limettoides	Metha	Grafted	Agricultural Land	Rare	Rare	Seeds/ Plants	April-May	I		Own/ Market	_
Pomergranate	Punica granatum	Anaar	Kandhari , Ganesh	Agricultural Land	Rare	Rare	Seeds/ Plants	April-May	-	-	Own/ Market	_
Papaya	Carica papaya	Papita	Red lady, washington	Agricultural Land	Rare	Rare	Seeds/ Plants	All seasons	_	_	Own/ Market	_
Mandarin	Citrus reticulata	Sangtra	Grafted	Agricultural Land	Rare	Rare	Seeds/ Plants	April- September	-	-	Own/ Market	_
Grapes	Vitis vinifera	Angoor, Daakh	Thomson seedless priette	Agricultural Land	Rare	Rare	Seeds/ Plants	June- september		_	Own/ Market	_
Amla	Phyllanthus emblica	Amla	NA-7 Banarsi	Agricultural Land	Rare	Rare	Plants	August- November	_	_	Own/ Market	-

Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.) 2 3 4 5 7 8 9 1 6 10 11 12 Local status Other details Community/ Landscape/ Source of Plant Local Name Scientific Name Variety Uses (usage) Part used Associated TK market/own Know. Type Habitat plant/seeds Holders use **Past Present** Flower used as Tree Karal Bauhinia variegate Tree Sub-Tropical Seed Available Available Own use Leaves, seeds Used as medicine medicine and vegitable Prunus Persica Tree Sub-Tropical Seed Available Available Own use Used as medicine Used as medicine Tree Aaran Leaves Phyllanthus emblica Seed Available Available Used as medicine Used as medicine Tree Amla Tree Sub-Tropical Own use Leaves Baadh Ficus religiosa Tree Sub-Tropical Seed Available Available Own use Leaves Used as medicine Used as medicine Tree Ziziphus xylocarpa Sub-Tropical Seed Available Available Used as medicine Used as medicine Bair Tree Own use Leaves Tree Bheda Terminalia bellerica Seed Available Available Used as medicine Used as medicine Tree Tree Sub-Tropical Own use Leaves Bill-Patre Angle mermelos Sub-Tropical Seed Available Available Used as medicine Used as medicine Tree Own use Leaves Tree Cambel Lannea coromandelica Sub-Tropical Seed Available Available Used as medicine Used as medicine Tree Own use Leaves Tree Tree Charmood Ehretia laevis Tree Sub-Tropical Seed Available Available Own use Leaves Used as medicine Used as medicine Chilla Casearia tomentosa Sub-Tropical Seed Available Available Own use Used as medicine Used as medicine Tree Tree Leaves Pinus rouxburghii Sub-Tropical Available Available Used as medicine Used as medicine Tree Chir Tree Seed Own use Leaves Used as medicine Used as medicine Tree Dhaman Grewia optiva Tree Sub-Tropical Seed Available Available Own use Leaves Drankh Melia azedarach Sub-Tropical Seed Available Available Used as medicine Used as medicine Tree Tree Own use Leaves Tree Fakwara Ficus palmata Tree Sub-Tropical Seed Available Available Own use Leaves Used as medicine Used as medicine

Tree	Aaran	Prunus Persica	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	_
Tree	Amla	Phyllanthus emblica	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	_
-	Tulsi	Ocimum sanctum	-	_	_	-	_	-	_	_	_	_
_	Dussa	Colebrookea oppositifolia	_	_	-	_	-	_	_	_	_	_
_	Branker	Justicia adhatoda	ı	_	ı	_	I	_	ı	_	_	_
_	Parganda	Achyranthes aspera	_	_	-	_	_	_	-	_	_	_

			1	Format 13: Ornament	al Plants/ Trees/Cli	imbers	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
	Rose	Rosa spp.							
	Gutti	Targetes spp.							
	Hibiscus	Hibiscus							
	Raat ki Rani	Cestrum nocturnum							

Format 14: Timber Plants / Trees

1	2	3	4		5	6	7	8	9	10
DI T				Loca	l status	Wild/ home-	Other			Community/
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	uses (multi)	Associated TK	Other details	Know. holder
Tree	Shisham	Dalbergia sissoo	Sub Tropical	Available	Available	Wild/Garden	Furniture	Wood used for furniture	Unknown	-
Tree	Tuni	Cedrela toona	Sub Tropical	Available	Available	Wild/Garden	Furniture	Wood used for furniture	Unknown	_
Tree	Chir	Pinus roxburghii	Sub Tropical	Available	Available	Wild	Furniture	Wood used for making agriculture equipments	Unknown	-
Tree	Sagwan	Tectona grandis	Sub Tropical	Available	Available	Wild/Garden	Furniture	Wood used for making agriculture equipments	Unknown	-
Tree	Dhaman	Grevia optiva	Sub Tropical	Available	Available	Wild	Agriculture	Wood used for making agriculture equipments	Unknown	-
Tree	Safeda	Eucalyptus Spp.	Sub Tropical	Available	Available	Wild	Furniture	Wood used for furniture	Unknown	_
Tree	Khair	Acacia catechu	Sub Tropical	Available	Available	Wild	Agriculture	Wood used for making agriculture equipments	Unknown	_
	Kakua	Flacourtia indica								_
	Amaltas	Cassia fistula								-
	Draink	Melia azedarach								-
	Bamboo	Bambusoideae								_

Format 15: Domesticated Animals

1	2	3	4	5	6	,	7	8	9	10	11	12
Animal Type	Local Name	Scientific	Breed (local/	Features	Method of	Local	status	Uses	Associated TK	Commercial	Other details including	Community Know.
Ammai Type	Local Name	Name	hybrid)	reatures	keeping	Past	Present	Uses	Associated 1 K	rearing	products and services	Holders
Cow	Gaay/goo	Bos indicus	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	MII	Sell Observed
Buffalo	Bhains/ Maain	Bubalus bubalis	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	Bos indicus	Local/ Hyrid	Ploughing & Carriage	Domesticated	Available	Available	Ploughing & Carriage	-	No		Self Observed
Dog	Kutta	Cannis lupus familaris	Local/ Hyrid	Pet	Domesticated & Stray	Available	Available	Guarding & Watching	-	No	Nil	Self Observed
Horse/ Mules/Donkey	Ghoda/ Khachar/Khota	Equus caballus	Local/ Hyrid	-	Domesticated	Available	Available	Carriage & Cart Pulling	-	No	Nil	Self Observed
Buff Bull	Chotta	Bubalus bubalis	Local	-	Domesticated	Rare	Rare	Breeding and ploughing	-	No	Nil	Self Observed

Cat	Billi	Felis catus.	Local	-	Domesticated & Free Roaming		Available	No	-	No	Nil	Self Observed
Poultry	Kukad/Kukdi	Gallus gallus	Local/ Hyrid	-	Domesticated	Available	Available	Meat & Egg Production	-	Yes	Nil	Self Observed
Goat	Bakri	Capra hircus	1	-	-	-	-	-	-	-	-	-
Sheep	Bhed	Ovis aries	-	-	-	-	-	-	-	-	-	-

Uses include milk, meat, skin, fur and etc

	Fo	ormat 17: Markets /	Fairs for Dom	nesticated Animals, M	edicinal Plants a	and other product	ts	
1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

	Fo	rmat 17: Markets /	Fairs for Dom	nesticated Animals, M	ledicinal Plants	and other produc	ts	
1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

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

1	2	3	4	5		6	7	8	9	10	11
Diam's Tama	Legal Name	Caiandiff a Nama	II abit	Habitat	Local	status	Commercial /	Dant calleged	Associated TV	Other details	Community
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	own use	Part collected	Associated TK	Other details	Knowledge Holder
Tree	Amli	Phyllanthus emblica	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicinal use	Self observed
Tree	Ber	Ziziphus jujuba	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Bour	Ficus benghalensis	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Chilla	Casearia tomentosa	Tree	Sub - Tropical	Available	Available	Own Use	Leaf and Wood	Unknown	Medicinal use	Self observed
Tree	Chir	Pinus roxburghii	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Kakoa	Flacourtia indica	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Daronkal	Murraya koenigii	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Tree	Dudaya	Wrightia arborea	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Shrubs	Garna	Carissa spinarum	Shrubs	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
Tree	Jamun	Syzygium cumini	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	kaam	Mitragyna parvifolia	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kembal	Lannea coromandelica	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kamla	Mallotus philippensis	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Khair	Acacia catechu	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kodh	Aloe barbadensis	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Krongal	Cassia fistula	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Lucenia	Leucaena spp.	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed

Tree	Plah	Butea monosperma	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Phulai	Acacia modesta	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Pansara	Wendlandia spp.	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Reetha	Sapindus mukorossi	Tree	Sub - Tropical	Available	Available	Own Use	Fruits and Wood	Used for Diabetes	Medicinal use	Self observed
Shrubs	Santa	Dodonaea viscosa	Shrubs	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Sarri	Albezzia spp.	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Simbal	Bombax ceiba	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Talli	Dalbergia sisso	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Thub / Dudhruk	Erythrina spp.	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Balugar	Bauhinia vahlii	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Chuindi	Xylosma longifolium	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Doss/sanan	Colebrookea oppositifolia	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Khini	Ficus semicordata	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Kral	Bauhinia variegata	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Flowers	Used for Diabetes	Medicinal use	Self observed
Tree	Lana	Ficus hispidia	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Dhaman	Grewia optiva	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Charmod	Ehretia spp.	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Badh	Ficus religiosa	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Behra	Terminalia bellirica	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Bilan	Aegle marmelos	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Gandila	Nerium oleander	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Gulmorh	Delonix regia	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Oanni	Lyonia ovalifolia	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed

Tree	Rumble	Ficus racemosa	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/ Wood	Unknown	Medicinal use	Self observed
Tree	Draink	Melia azedarach	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Unknown	Medicinal use	Self observed
Tree	Harad	Terminalia chebula	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Amb	Mangifera indica	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Soyanjana	Moringa oleifera	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Tunnu	Toona ciliata	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Neem	Azadirachta indica	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Plakh	Ficus virens	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Unknown	Medicinal use	Self observed
Tree	Rehn	Quercus lucotricophora	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	chamar sama	Holoptelea integrifolia	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	lasura	Cordia myxa	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	kassod	Senna siamea	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	tantary	Oroxylum indicum	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Shrubs	BRANKED	Justicia adhatoda	Shrubs	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Tree	KHAR	Saccharum bengalense	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Tree	Imli	Tamarandis indica	Tree	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown	Medicinal use	Self observed
	Phalae	Acacia modesta									
	Kiker	Acacia nilotica									
	Simbal	Bombax ceiba									
	Siri	Albizia lebback									
	Wild date	Phoenix sylvestris									

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	Abrus precatorius	Wild	Social and Economic	Available	
2	Khair	Acacia catechu	Wild	Social and Economic	Available	
3	Exotic acacia	Acacia farnesiana	Wild	Social and Economic	Available	
4	Phulai or Fly	Acacia modesta	Wild	Social and Economic	Available	
5	Kikar	Acacia nilotica	Wild	Social and Economic	Available	
6	Parkanda	Achyranthes aspera	Wild	Social and Economic	Available	
7	Bel	Aegle marmelos	Wild	Social and Economic	Available	
8	Nuriya	Aerva sanguinolenta	Wild	Social and Economic	Available	
9	Ramban	Agave americana	Wild	Social and Economic	Available	
10	Kala Siris	Albizia lebbeck	Wild	Social and Economic	Available	
11	Kramblu	Albizia odoratissima	Wild	Social and Economic	Available	
12	Safed siris	Albizzia procera	Wild	Social and Economic	Available	
13	Kuad Gandal	Aloe barbadensis	Wild	Social and Economic	Available	
14	Chaleri Saag	Amaranthus viridis	Wild	Social and Economic	Available	
15	Seski	Artemisia parviflora	Wild	Social and Economic	Available	
16	Kathal	Artocarpus heterophyllus	Wild	Social and Economic	Available	
17	Nad	Arundo donax	Wild	Social and Economic	Available	
18	Neem	Azadirachta indica	Wild	Social and Economic	Available	
19	Bamboo	Bambusa bambos	Wild	Social and Economic	Available	
20	Bamboo	Bambusa nutans	Wild	Social and Economic	Available	
21	Kachnar	Bauhinia purpurea	Wild	Social and Economic	Available	
22	Baloonger	Bauhinia vahlii	Wild	Social and Economic	Available	
23	Kachnar	Bauhinia variegata	Wild	Social and Economic	Available	

24	Simbal	Bombax ceiba	Wild	Social and Economic	Available
25	Jungli toot	Broussonetia papyrifera	Wild	Social and Economic	Available
26	Plaah	Butea monosperma	Wild	Social and Economic	Available
27	Bhang	Cannabis sativa	Wild	Social and Economic	Available
28	Chilla	Casearia tomentosa	Wild	Social and Economic	Available
29	Krangal	Cassia fistula	Wild	Social and Economic	Available
30	Mainphal	Catunaregum spinosa	Wild	Social and Economic	Available
31	Aajan Grass	Cenchrus ciliaris	Wild	Social and Economic	Available
32	Karun	Chenopodium murale	Wild	Social and Economic	Available
33	Khas Khas	Chrysopogon zizanoides	Wild	Social and Economic	Available
34	Bhus	Cirsium arvense	Wild	Social and Economic	Available
35	Sanali or Dussa	Colebrookea oppositifolia	Wild	Social and Economic	Available
36	Barna	Crateva religiosa	Wild	Social and Economic	Available
37	Amar Bel	Cuscuta reflexa	Wild	Social and Economic	Available
38	Shudri	Cynoglossum lanceolatum	Wild	Social and Economic	Available
39	Deela	Cyperus rotundus	Wild	Social and Economic	Available
40	Tali	Dalbergia sissoo	Wild	Social and Economic	Available
41	Dhatura	Datura stramonium	Wild	Social and Economic	Available
42	Baans	Dendrocalamus strictus	Wild	Social and Economic	Available
43	Palain	Dichanthium annulatum	Wild	Social and Economic	Available
44	Kalu grass	Dicliptera bupleuroides	Wild	Social and Economic	Available
45	Sadhun	Dioscorea melanophyma	Wild	Social and Economic	Available
46	Santha	Dodonaea viscosa	Wild	Social and Economic	Available
47	Duranta	Duranta erecta	Wild	Social and Economic	Available
48	Chamror	Ehretia acuminata	Wild	Social and Economic	Available
49	Chamror	Ehretia laevis	Wild	Social and Economic	Available
50	Dhol Dhak	Erythrina suberosa	Wild	Social and Economic	Available
51	Pangara	Erythrina variegata	Wild	Social and Economic	Available
52	Safeda	Eucalyptus camaldulensis	Wild	Social and Economic	Available
53	Hybrid safeda	Eucalyptus tereticornis	Wild	Social and Economic	Available

54	Bubbeain	Enlaliancia binata	Wild	Social and Economic	Available
		Eulaliopsis binata			
55	Thor	Euphorbia royleana	Wild	Social and Economic	Available
56	Trimbal	Ficus auriculata	Wild	Social and Economic	Available
57	Bohr	Ficus benghalensis	Wild	Social and Economic	Available
58	Fagora	Ficus palmata	Wild	Social and Economic	Available
59	Rumble	Ficus racemosa	Wild	Social and Economic	Available
60	Badh or Pipal	Ficus religiosa	Wild	Social and Economic	Available
61	Kakoa	Flacourtia indica	Wild	Social and Economic	Available
62	Kanphuta	Flemingia chappar	Wild	Social and Economic	Available
63	Bhattani	Gomphrena celosioides	Wild	Social and Economic	Available
64	Dhaman	Grewia optiva	Wild	Social and Economic	Available
65	Lamb grass	Heteropogon contortus	Wild	Social and Economic	Available
66	Aakh	Ipomoea carnea	Wild	Social and Economic	Available
67	Kharpoway	Ipomoea purpurea	Wild	Social and Economic	Available
68	Chameli	Jasminum officinale	Wild	Social and Economic	Available
69	Ratanjot	Jatropha curcas	Wild	Social and Economic	Available
70	Brenker	Justicia adhatoda	Wild	Social and Economic	Available
71	Kembal	Lannea coromandelica	Wild	Social and Economic	Available
72	Panjphuli	Lantana camara	Wild	Social and Economic	Available
73	Mithu grass	Lathyrus sativus	Wild	Social and Economic	Available
74	Kamila	Mallotus philippensis	Wild	Social and Economic	Available
75	Baryar	Malvastrum coromandelianum	Wild	Social and Economic	Available
76	Aam	Mangifera indica	Wild	Social and Economic	Available
77	Drehnk	Melia azedarach	Wild	Social and Economic	Available
78	Kaam	Mitragyna parvifolia	Wild	Social and Economic	Available
79	Toot	Morus alba	Wild	Social and Economic	Available
80	Drenkeri	Murraya koenigii	Wild	Social and Economic	Available
81	Gandila	Nerium oleander	Wild	Social and Economic	Available
82		Olea europaea subsp.	Wild	Social and Economic	Available
83	Kua	cuspidata	Wild	Social and Economic	Available

84	Chhitter	Opuntia elatior	Wild	Social and Economic	Available
85	Tetar	Oroxylum indicum	Wild	Social and Economic	Available
86	Congress Grass or Jari	Parthenium hysterophorus	Wild	Social and Economic	Available
87	Deena nath grass	Pennisetum pedicellatum	Wild	Social and Economic	Available
88	Napier grass	Pennisetum purpureum	Wild	Social and Economic	Available
89	Khajoor	Phoenix sylvestris	Wild	Social and Economic	Available
90	Amla	Phyllanthus emblica	Wild	Social and Economic	Available
91	Chir	Pinus roxburghii	Wild	Social and Economic	Available
92	Daduni	Punica granatum	Wild	Social and Economic	Available
93	Jojra	Pupalia lappacea	Wild	Social and Economic	Available
94	Basant panchami	Reinwardtia indica	Wild	Social and Economic	Available
95	Arnid	Ricinus communis	Wild	Social and Economic	Available
96	Junglee Palak	Rumex hastatus	Wild	Social and Economic	Available
97	Khar	Saccharum bengalense	Wild	Social and Economic	Available
98	Kai	Saccharum spontaneum	Wild	Social and Economic	Available
99	Reetha	Sapindus mukorossi	Wild	Social and Economic	Available
100	Bari kasondi	Senna occidentalis	Wild	Social and Economic	Available
101	Kassod	Senna siamea	Wild	Social and Economic	Available
102	Cassia	Senna sulfurea	Wild	Social and Economic	Available
103	Panwar	Senna tora	Wild	Social and Economic	Available
104	Kezun grass	Setaria sphacelata	Wild	Social and Economic	Available
105	Kayan Kothi	Solanum americanum	Wild	Social and Economic	Available
106	Ban tamakoo	Solanum erianthum	Wild	Social and Economic	Available
107	Jamun	Syzygium cumini	Wild	Social and Economic	Available
108	Imli	Tamarindus indica	Wild	Social and Economic	Available
109	Phul dudi	Tarxacum campylodes	Wild	Social and Economic	Available
110	Arjun	Terminalia arjuna	Wild	Social and Economic	Available
111	Bahera	Terminalia bellirica	Wild	Social and Economic	Available
112	Harar	Terminalia chebula	Wild	Social and Economic	Available
113	Giloe	Tinospora sinensis	Wild	Social and Economic	Available

114	Tunu	Toona ciliata	Wild	Social and Economic	Available
115	Jiyo	Trema orientalis	Wild	Social and Economic	Available
116	Pakhra	Tribulus terrestris	Wild	Social and Economic	Available
117	Kayalu	Tulipa clusiana	Wild	Social and Economic	Available
118	Bachita	Urena lobata	Wild	Social and Economic	Available
119	Bana	Vitex negundo	Wild	Social and Economic	Available
120	Pansar	Wendlandia exserta	Wild	Social and Economic	Available
121	Dhain	Woodfordia floribunda	Wild	Social and Economic	Available
122	Dhain	Woodfordia fruticosa	Wild	Social and Economic	Available
123	Dudhi	Wrightia arborea	Wild	Social and Economic	Available
124	Jojera	Xanthium strumarium	Wild	Social and Economic	Available
125	Timbru	Zanthoxylum armatum	Wild	Social and Economic	Available
126	Ber	Ziziphus jujuba	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/
Local Name	Scientific Ivallie	variety	reatures	Habitat	Past	Present	Uses	Associated 1 K	A NA NA NA NA	Knowledge Holder
Akk	Ipomea carnea	Shurb		Stream & ponds	Available	Available	NA	NA	NA	Self observed
Hygrilla	Hydrilla spp	Grass		Stream & stable water	Available	Available	NA	NA	NA	Self observed
Fish	Tor	Animal		Stream	Available	Available	NA	NA	NA	Self observed
Frog	Rana temporaria	Animal		Stream	Available	Available	NA	NA	NA	Self observed
Dinnu		wild		Stream	Available	Available	No use	Unknown	Unknown	Self observed
Sarkad		Wild		Stream	Available	Available	For eating	Unknown	Unknown	Self observed
Lotus	Nelumbo nucifera	soft plant		Ponds	Available	Available	Worship	Unknown	Unknown	Self observed

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	Nelumbo nucifera	local	Worshipping	unknown							
2	Aak	Calotropis gogantea	local	None	unknown							
3	Hydrilla	Hydrilla verticillata	local	None	unknown							

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	(6	7	8	9	10	11
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape / Habitat	Local	Status	Associated TK	Uses (usage)	Part used	Other details market/ own	Community/ Knowledge
Shrub, Tree)	Local Name	Scientific Name	variety	Landscape / Habitat	Past	Present	11330clated 11x	Oses (usage)	T are used	use	Holder
Tree	Khair	Acacia catechu	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Phulai or Fly	Acacia modesta	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kikar	Acacia nilotica	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Parkanda	Achyranthes aspera	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Bel	Aegle marmelos	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kramblu	Albizia odoratissima	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Neem	Azadirachta indica	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Simbal	Bombax ceiba	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Bhang	Cannabis sativa	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Garna	Carissa spinarum	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Krangal	Cassia fistula	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Herbs	Brahmi buti	Centella asiatica	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Herbs	Khas Khas	Chrysopogon zizanoides	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kapoor	Cinnamomum camphora	Wild	Sub-troplical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	

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

Format 23: Wild relatives of Crops

1	2	3	4		5	6	7	8	9	10
Local	Scientific	Associated	I and and / Habitat		Status	Uses	Part	Associated	041 1.4.21.	Community /
Name	Name	сгор	Landscape / Habitat	Past	Present	(usage)	Used	TK	Other details	Know holder
Panjfulli	Lantana camara	ı	Sub-troplical	Available	Available	Medical	leaves	Ι	=	-
Congress Jadi	Parthenium	ı	Sub-troplical	Available	Available	Medical	leaves	Ι	=	-
Chaleri Saag	Amaranthus viridis	Saag	Sub-troplical	Available	Available	Edible	Leaves	Unknown	unknown	Self addressed
Jangli Putna	Mentha arvensis	Putna	Sub-troplical	Available	Available	To cure stomach ache	Leaves	Unknown	unknown	self adressed
Jangli Palak	Rumex dentatus	Palak	Sub-troplical	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
kringal	Casia fistula	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
Gandera	Nerium oleander	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
Badah	Salix alba	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
karal	Bauhinia variegata	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
Tulsi	Ocimum tenuiflorum	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Cactus	Cactaceae	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Aloevera	Aloe barbadensis miller	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Ashoka	Saraca asoca	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Bottle brush	Callistemon Lanceolatus	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Silver oak	Grevillea robusta	_	_	-	-	_	-
Aloe vera	Aloe barbadensis miller	_	_	-	_	_	-
Raat ki rani	Cestrum nocturnum	_	_	-	-	_	-
Nerium/ Gandila	Nerium oleander	_	_	_	-	_	-

	Format 25: Fumigate / Chewing Plants												
1	2	3	4	5		6	7	8	9	10	11		
Plant (Herb,	Local	Scientific	Variate	Habitat	Local	Status	Uses	Part used	Associated	Other details	Community		
Shrub, Tree)	Name	Name	Variety	Паріцац	Past	Present	(usage)	rari used	TK	(mode of use)	knowledge holder		
Tree	Amrood	Psidium guajava	Local	Sub tropical	Available	Available	Oral health care	leaves, branches	unknown	fruit	self observed		
Shrub	Bana	Vitex negundo	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	leaves have medicinal value	self observed		
Tree	Shisham	Dalbergia sissoo	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	furniture wood	self observed		
Tree	Neem	Azadirachta indica	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	leaves have medicinal value	self observed		
Shrub	Peach	Prunus persica	Local	Sub tropical	Available	Available	Oral health care	leaves, branches	unknown	fruit	self observed		
Climber	Giloy	Tinospora sinensis	Local	Sub tropical	Available	Available	Oral health care	stem	unknown	unknown	self observed		
Shrub	Drenkari	Murraya koenigii	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	unknown	self observed		
Tree	Khajoor	Phoenix sylvestris	Local	Sub tropical	Available	Available	Oral health care	branches	unknown	fruits	self observed		
Shurb	Garna	Carissa spinarum	Tree	Sub Tropical	Available	Available	Medical	Leaves, Flowers	Medical	NA			
Shurb	Brahmi buti	Centella asiatica	Tree	Sub Tropical	Available	Available	Medical	Leaves, Flowers	Medical	NA			
_	Timbru	Zanthoxylum planispinum	_	_	_	_	_	_	_	_	_		
_	Branker	Justicia adhatoda	_	_	_	_	_	_	_	_	_		
_	Phalae	Acacia modesta	_	_	_	_	_	_	_	_	_		

Format 26: Timber Plants

1	2	3	4	ļ	5	6	7	8
T I NI	S	TT-124-4	Local	Status	Other House of the	Annual And TIZ	Other Details	Community/
Local Name	Scientific Name	Habitat	Past	Present	Other Uses, if any	Associated TK	Other Details	Knowledge Holder
Khair	Acacia catechu	Sub Tropical	Available	Available	Medical Use & Timber	Medical use	Unknown	self addressed
Phulai or Fly	Acacia modesta	Sub Tropical	Available	Available	Medical Use & Timber	Medical use	Unknown	self addressed
Kikar	Acacia nilotica	Sub Tropical	Available	Available	Medical Use & Timber	Medical use	Unknown	self addressed
Talli	Dalbergia sissoo	Sub-trophical	Available	Available	Timber wood	wild	nil	self addressed
Tuni	Toona ciliata	Sub-trophical	Available	Available	Timber wood	wild	nil	self addressed
Safeda	Corymbia citriodora	Sub-trophical	Available	Available	Timber wood	wild	nil	self addressed
Simbal	Bombax ceiba	Sub-trophical	Available	Available	Timber wood	wild	nil	self addressed
Jamun	Syzygium cumini	Sub-trophical	Available	Available	Timber wood	wild	nil	self addressed
Chir	Pinus roxburghii	Sub-trophical	Available	Available	Timber wood	wild	nil	self addressed
Safed siris	Albizzia procera	Sub Tropical	Available	Available	Medical Use & Timber	Medical use	Unknown	self addressed
Ber	Ziziphus jujuba	Sub Tropical	Available	Available	Medical Use & Timber	Medical use	Unknown	self addressed
Kambel	Mallotus philippensis	_	_	_	_	_	_	_
Ola	Albizia chinensis	_	_	_	-	_	_	_
Toot	Morus alba	_	_	_	_	_	_	_
Dhaman	Grewia optiva	_	-	_	_	_	_	_

				Format	27 A: C	oastal and Mari	ne Flora			
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	Status	Parts Collected	d Commercial Uses	041 11	Associated TK	Community/
riant Type	Local Ivallie	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses		Knowledge Holder
				•		Nil				

	Format 27 B: Coastal and Marine Fauna									
1	2	3	4	:	5	6	7	8	9	10
A character and	I I NI	C. * / *P* . N	H-1-2-4	Local	Status	Parts	Commercial Uses	Other Hann	Associated TK	Community/ Knowledge Holder
Animal Type	Local Name	Scientific Name	Habitat	Past	Present	Collected (if any)	(if any)	Other Uses		
						Nil				

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	TT-1:4-4	Daniel die	Season when	Local Status		TI (10)	Associated	Mode of Hunting,		Community/
Animal Type	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	Uses (if any)	TK	collecting (if any)	Other details	Knowledge Holder
Mammals	Chitra	Panthera pardus	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Jungali Billi	Felis chaus	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Mangoose	Herpsters aurpunctatus	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Indian Fox	Vulpes bengalensis	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Five Stripped Palm Squirrel	Funambulus penanti	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Field Mouse	Mus boodnga	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Indian Porcupine (sahi)	Hustrix indica	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Leopard	Panthera pardus	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Reptiles	Snake	Serpentes	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Squirrel	Sciuridae	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Wild boar	Sus scrofa	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Porcupine	Erethizon deosatun	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Fox	Vulpes vulpes	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Birds	Jungle fowl	Gallus	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Amphibian	Frog	Anura	jungle	Monsoon	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Birds	Grey francolin	Francolinus pondicerianus	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed	
Mammals	Monkey	Cercopithecidae										
Mammals	Barking Deer (Para)	Muntiacus										
Mammals	Wild Rabbit	Oryctolagus cuniculus										

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

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

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