People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Ghegwal
Taluk: ghegwal
District: Samba
State: J&K
Geographical Area of the Panchayat Samiti: 570 Hec
Population under the Panchayat Samiti: Total - 3500
Male: Female:
Habitat and Topography: Kandi area
Climate (Rainfall, Temperature and weather patterns)
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation: 31/10/2020
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA) / Community Owned and Managed Forest(COM)

Management Committee (BMC) of the Par and not less than 18% belonging to SC/ST	nchayat (One elected Chairperson and six persons nominated by the lo	cal
. Tarseem Singh		
1		
1		

-2
ids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resour within the jurisdiction of the village
alization:
which the person accesses biological material: local/non local
the practitioner on the resource status:less local resources availble
9:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name : Tarsem Lal
Age: 50
Gender: Male
Address: Ghegwal
Area of specialization: Agriculture
2) Name : Surinder Singh
Age: 48
Gender: Male
Address: Ghegwal
Area of specialization: Agriculture
3) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Annexure 4
Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
1) Contact Person:
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:

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

	Format 1: Crop Plants														
1	2	3	4	5	6	7		8	9	10	11	12	13	14	
Crop	Scientific	Local	Variety	Landscape	Approx.	Local	Status	Special	Cropping season	Uses	Associated	Other details	Source of	Community/ Knowledge	
	Name	Name	ľ	/ Habitat	shown	Past	Present	features			TK		Seeds/Plants	Holder	
Rice	Oryza sativa		Veliyan			Plenty	Rare								
Wheat	Triticum	Kanak				Plenty	Plenty			Food					
Maize	Zea mays	Makki				Plenty	Plenty			Food/ Fodder					
Mustard	Brassica	Sarsoo				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	ı	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 /	Community / Knowledge		
					Past	Present					own use	holder		
	Mangifera	Amb			R	Rare								
	Litchi chinensis	Lychee			R	are								
	Psidium guajava	Amrood			Ple	enty								
	Vitis vinifera	Angoor			R	Rre								
	Phyllanthus emblica	Amla			Rare									
	Cordia dichotoma i	Samgotra			R	are								
	Citrus limon	Nimboo			Ple	enty								
	Citrus pseudolimon	Galgal			R	are								
	Citrus Medica	Kimb			R	are								
	aurantiifolia	Jamiri			Ple	enty								
	Murraya Koenigii	Mithoo			Ple	enty								
	Citrus X sinensis	Narangi			Ple	enty								
	Ziziphus mauritiana	Ber			R	are								
	Ziziphus mauritiana	Phowari Ber			Ple	enty								
	Grewia asiatica	Phalsa			Rare									
	Syzygium cumini	Jamun			Plenty									
	Punica granatum	Anar			Rare									
	Annona squamosa	Custard Apple			R	Rare								
	Aegle marmelos	Bael			Ple	enty								

	Format 3: Fodder Crops / Species														
1	2	3	4		5	6	7	8	9	10					
Plant	Scientific	Local	Landscape /	Local	Status	Source of Plants /	Associated TK	Part	Other details	Community / Knowledge					
	Name	Name	Habitat	Past	Present	Seeds	1 K	Used		holder					
	Trifolium alexandrinum	Barseem		Plenty	Plenty			Whole plant							
	Pennisetum glaucum	Bajra		Plenty	Plenty			Whole plant							
	Sorghum bicolor	Jowar		Plenty	Plenty			Whole plant							

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild orcultivated 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 /	Local Status		Uses if any	Management	Associated	Other details	Community /		
				'	Habitat	Past	Present		options	TK	like exotic	Knowledge holder		
	Chenopodium spp.	Bathu	Maize		Germination in the field	Plenty	Plenty							
	Phalaris minor	Siti	Wheat			Plenty	Plenty							
	Cynodon dactylon	Dhoob	Wheat		Grow with Maize crop	Plenty	Plenty							

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 Community knowledge holder Time / season of Associated TK Management mechanism Other details Insect / Animal Scientific name Local name Habitat Host attack Stem Bores Chilo partellus Neelu Tittu Field Rats Bandicota sp. tatera Chua Kees Cat Worm Agrotis ipsilon Lutri Cabbage Pieris Titali Butterfly Brassica Fruitfly Bactrocera cucurbitae Titali

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						

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		Cl.	Et			Comment	17			A	Other	Community	
Agricultural land	Pond	Fallow Land	Sub - Landscapes	Features and approx. Area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	otner details	Community accessed
Plains & Kandi areas		Plains	Hilly as wellas	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					

			Fo	rmat 10: Soil	type				
1	2	3	4	5	6	7	8	9	10
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information	Nature of inhabitants	No. of HHs
Alluvial sandy soil	Fine & coarse grain	rich in N,ca,fe,si							
Hill and moutauin 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 Tro	ees					
1	2	3	4	6	í		7	8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape	e/ Habitat	Loc Past	eal Status Present	Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
Woody			Local, Dashehari,					March to		Record	Own uses		
Tree			Malda, Amrapali,					August		vailable in old books.	and sold in market		
	Amb	Mangifera indica	Mallika, Langra,	Sub-tropical	Good	Good	Seedling trees, grafted plants.		Sucking, table, processing			Popular in local population.	
			Swarn Rekha,				grante a prantis		processing			population	
			Chausa, Fazli, Totapuri, Ramkila, Baramasi.										
Woody			Dehradun, Calcutti,					March to	Table and	Introduced by traders	Own uses and	Popular in local	
Tree	Lychee	litchi chinensis	Seedless, Rose	Sub-tropical	Good	Good	Layered plants.	July	processing	and domesticated	sold in market	population.	
			Scented						1 0	locally.			
Woody			Local, Allahbad,					March to		Introduced by traders			
Tree	Amrood	Pidium guajava	Sardar, Lalit, Arka	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	August,	Table and processing.	and domesticated	Own uses and sold in market	Popular in local population.	
			Amulaya, Sheveta, Punjab Pink				graned/ layered.	Dec. To January	processing.	locally.	sold in market	population.	
			Local, Perllet,					Feb. To	Table and	Introduced by traders	Orem wass and	Popular in local	
Climber	Angoor	Vitis vinifera	Beauty Seedless	Sub-tropical	Good	Good	Cuttings	June	Table and processing.	and domesticated	Own uses and sold in market	population.	
Woody		Emblica	Local, Banarsi, Neelam,				Seedling trees,	March to		locally. Record	Own uses and	Popular in local	
Tree	Amla	officinalis	NA 7.	Sub-tropical	Good	Good	grafted plants.	Nov.	Processing	vailable in old books.	sold in market	population.	
Woody	Conatra	Citrus reticlata	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted	March to Jan.	Table and	Record	Own uses and	Popular in local	
Tree	Sangtra	Citrus reticiata	Killiow, Saligua	Suo-iropicar	Good	Good	Plants	Iviaicii to Jaii.	processing.	vailable in old books.	sold in market	population.	
Woody	Nimboo	Citrus aurantifolia	Local, Kagzi,	Sub-tropical	Good	Good	Grafted	March to	Processing.	Record	Own uses and	Popular in local	
Tree	141111000	Cirus auranijona	Italian, Eureka	Suo tropicar	G00 u	Good	Plants	Oct.	Trocessing.	vailable in old books.	sold in market	population.	
Woody	Galgal	Ctrus limon	Local	Sub-tropical	Good	Good	Seedling andn	March to	Processing.	Record	Own uses and	Popular in local	
Tree				•			Grafted Plants	Sept.		vailable in old books.	sold in market	population.	
Woody Tree	Kimb	Ctrus medica	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.	
Woody									D	Record		Popular in local	
Tree	Jamiri	Citrus jambhiri	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	vailable in old books.	Own uses and sold in market	population.	
Woody								March to	Table and	Record	Own uses and	Popular in local	
Tree	Mithoo	Citrus limettoides	Local	Sub-tropical	Good	Good	Seedling trees	Sept.	processing.	vailable in old books.	sold in market	population.	
Woody							Grafted	March to		Record	Own uses and	Popular in local	
Tree	Kumquat	Citrus x floridana	Local	Sub-tropical	Good	Good	Plants	Jan	Processing.	vailable in old books.	sold in market	population.	
Woody	_						Grafted	March to		Record	Own uses and	Popular in local	
Tree	Ber	Zizyphus mauritiana	Umran, Katha, Seb	Sub-tropical	Good	Good	Plants	Nov.	Table purposes	vailable in old books.	sold in market	population.	
Woody	Phowari	Zimmhus ininha	Local	Sub tranical	Good	Good	Saadlings	March to	Toble nurneses	Record	Own uses and	Popular in local	

Tree	Ber	zızypпиз <i>јији</i> 0и	Locai	зио-порісаі	Good	Good	occumigs	Nov.	raute purposes	vailable in old books.	sold in market	population.	
Bush	Phalsa	Grewia subinaequalis	Local	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.	
Woody	Jamun	Syzygium cumini	Local	Sub-tropical	Good	Good	Seedlings and	March to	Processing	Record	Own uses and	Popular in local	
Tree		, , , ,		1			Grafted	July		vailable in old books.	sold in market	population.	
Woody	Anar	Punica granatum	Local, Ganesh,	Sub-tropical	Good	Good	Cuttings	March to	Table purposes	Record	Own uses and	Popular in local	
Tree			Kandhari,	•			Ü	July	and processing	vailable in old books.	sold in market	population.	
Woody	Lasooda	Cordia myxa	Local	Sub-tropical	Good	Good	Seedlings	March to	Processing	Record	Own uses and	Popular in local	
Tree		co. ata myna		Suo tropicui			Securings	June	purposes	vailable in old books.	sold in market	population.	
Bush	Gerna	Carissa carandas	Local	Sub-tropical	Good	Good	Seedlings	March to	Table purposes	Record	Own uses and	Popular in local	
Dush	Gerna	Car issa car anaas	Local	Suo tropicar	Good		Seedings	July	and processing	vailable in old books.	sold in market	population.	
Woody Tree	Bill	Aegle marmalos	Local	Sub-tropical	Good	Good	Seedlings	March to	Table purposes	Record	Own uses and	Popular in local	
Woody Tree	Dili	Aegie marmaios	Local	Suo-tropicar	Good	Good	Securings	July	and processing	vailable in old books.	sold in market	population.	
Woody	Aru	Prunus persica	Local, Sun Red,	Sub-tropical	Good	Good	Grafted	Feb. to	Table purposes	Introduced by traders and domesticated	Own uses and	Popular in local	
Tree	Alu	Frunus persicu	Florida Sun	Sub-tropical	Good	Good	Plants	June	and processing	locally. Introduced by traders	sold in market	population.	
Woody	Aloocha	Prunus saliciana	Kala Amritsari,	Cula tanaminal	Good	Good	Grafted	Feb. to	Table purposes	Introduced by traders and domesticated	Own uses and	Popular in local	
Tree	Aloocha	Frunus sauciana	Alucha	Sub-tropical	Good	Good	Plants	June	and processing	locally	sold in market	population.	
Woody Tree	Shahtoot	Morus alba	Local, China	Sub-tropical	Good	Good	Cuttings	March to	Table purposes, rearing	Introduced by traders and domesticated	Own uses and sold in market	Popular in local population.	
Woody								July	Silkworms.	locally.	Sold ill illalket	population.	
Tree	Fig	Ficus carica	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	D	4. 1.1 1	т 1	6.1.	G 1	G 1	G 11:	March to	D: 11 D	Record	Own uses and	Popular in local	
Tree	Dew	Atrocarpus lakoocha	Local	Sub-tropical	Good	Good	Seedlings	July	Pickle Purposes.	vailable in old books.	sold in market	population.	
Woody Tree	Jackfruit	Atrocarpus heterophyllus	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		_	Local Red Lady,				Seedlings and	March to		Record	Own uses and	Popular in local	
Tree	Papita	Carica papaya	Pusa Nana	Sub-tropical	Good	Good	hybrids	Nov.	Table purposes.	vailable in old books.	sold in market	population.	
1100			r asa rvana							variable in old books.			

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

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

Tree	Jaman	Syzygium cumini	Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Karal	Bauhinia variegata	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Khair	Acacia catechu	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Kringal	Casia fistula	Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	Cordia dichotoma	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Mangoo	Mangifera indica	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Retha	Sapindus mukorossii	Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	Ficus racemosa	Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Trimbal	Ficus auriculata	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Arjun	Terminalia arjuna	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	Amblica officinales	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Neem	Azadirecta indica	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
tree	Khair	Accacia catechu	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Shrubs	Bhang	Cannabis sativum	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community

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: Orname	ental Plants/ Tre	es/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	Kachnar	Bauhinia Variegata		Nurseries/ Forest	Non commercial	Ornamental/ Landscaping	Used for Dysentry, Diarrhoea	Pink flowers in Summer	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Nerium	Nerium Oleander		Nurseries	Non commercial	Ornamental/ Landscaping	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Kaner	Thevetia Peruviana		Nurseries	Non commercial	Ornamental/ Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Bottle Brush	Callistemmon spp.		Nurseries	Non commercial	Ornamental/ Landscaping	Theraputic uses	Foilage and flowers	Floriculturists/ Nurserymen/Gardeners
Bushes/ shrubs	Bogan Bael	B.Sp & hybrids		Nurseries	Non commercial	Ornamental/ Landscaping	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Golden Duranta	Duranta repens		Nurseries	Non commercial	Ornamental/ Landscaping	Beneficial in itching, malaria, asthma etc.	Foliage, Edging	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Hibiscus	Hibiscus Rosasinensis		Nurseries	Non commercial	Ornamental/ Landscaping	Used in fever, constipation	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Motia	Jasminum sambac		Nurseries	Non commercial	Ornamental/ Landscaping	Used in Hepatitis, dysentry	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Guldopahar	Portulaca Grandiflora		Nurseries	Non commercial	Ornamental/ Landscaping	Antioxidant, antibacterial	Summer annual flower	Floriculturists/ Nurserymen/Gardeners
Pot Plants	Thur	Cactus spp		Nurseries	Non commercial	Ornamental/ Landscaping	Folk medicines	Thorny succulents	Floriculturists/ Nurserymen/Gardeners

				Format 1	4: 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.
Time Type	Edeal I tallic	Scientific I (unic	Tiubitut	Past	Present	, , , , , , , , , , , , , , , , , , ,	other uses (mutt)	11550ciucu 111	other details	holder
Trees	Kiker	Acacia nilotica	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Trees	Mangoo	Mangifera iIndica	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	own	nil	nil	Generally, held by community
Trees	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundant	Wild	commercial	nil	nil	Generally, held by community
Trees	Sree	Albizzia lebbeck	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Tuni	Toona ciliata	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Popular	Populus ciliata	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Chir	Pinus roxburhii	Lower shiwalik	Rare	Abundant	Wild	Own	nil	nil	Generally, held by community
Trees	Jammun	Syzygium cumini	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community
	Khair	Acacia catechu								

Format 15: Domesticated Animals

1	2	3	4	5	6	,	7	8	9	10	11	12
A class LTC as	TaralNama	Catalata Canada	Breed (local/	E. A	Method of	Local	Status	T I	A TIZ	Commercial	Other details	Community
Animal Type	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	including products and services	Know. Holders
Sheep	Bhed	Ovis aries	Local	Small size, rough coat	Flock rearing	Least concern	Least concern	Mutton, wool and manure	Desi Chai, Methre, Ajowain, Ganera	Yes	Bones, skin and gut	Locals and nomads
Sheep	Bhed	Ovis aries	Rambouillet Cross	Large size, fine wool	Flock rearing	Least concern	Least concern	Mutton, hairs and manure	Desi Chai, Methre, Ajowain, Ganera	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	Capra hircus	Local	Small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hairs and manure	Desi Chai, Methre, Ajowain, Ganera	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	Capra hircus	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hairs and manure	Desi Chai, Methre, Ajowain, Ganera	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	Capra hircus	Beetal	Large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hairs and manure	Desi Chai, Methre, Ajowain, Ganera	Yes	Bones, skin and gut	Locals and nomads
Dog		Canis lupus familiaris				Abundant	Abundant	Companio				
Horse		Equus caballus				Abundant	Decreased	Meat				
Cow		Bos taurus										
Buffalo		Bubalus bubalis				Few	Increased	Dairy				

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/bberi/talao)	Local	status	Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
					(pond/bbc//talao)	Past	Present		1 K	rearing		Kilow. Holders
Indian Major Carps	Catla	Catla catla	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 naturall as well as artifical feed.	Fish Farming Community
Indian Major Carps	Rohu	Labeo rohita	IMC	Herbivorous, its doral 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 naturall as well as artifical feed.	Fish Farming Community
Indian Major Carps	Mrigal	Cirrhinus mrigala	IMC	Omnivorous, bilaterally symmetrical and streamlined, head and snout devoid of scales, mouth inferior, barbels absent, cultured moslty in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts naturall as well as artifical feed.	Fish Farming Community
Exotic Carps	Common Carp	Cyprinus carpio	Exotic Carp/ Scale Carp	Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protudible 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 naturall as well as artifical feed.	Fish Farming Community

		Format 17: Markets /	Fairs for Doi	mesticated Animal	s, Medicinal	Plants and other	products	
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
Plant Type	Local name	Scientific Name	Habit	Habitat	Local	Status	Commierical/ Own	Part Collected	Associated TK	Others details	Community Knowledge
Trant Type	Local name	Scientific Ivanic	Habit	Habitat	Past	Present	use	Tart concettu	11950clated 11k	others details	Holder
Tree	Amli	Phyllanthus emblica	Sub - Tropical	Available	Available	Own Use	Fruits	Used in Gastro Problem	Medicinal use	Self observed	
Tree	Ber	Ziziphus jujuba	Sub - Tropical	Available	Available	Own Use	Fruits		Medicinal use	Self observed	
Tree	Bour	Ficus benghalensis	Sub - Tropical	Available	Available	Own Use	Fruits	Unknown		Self observed	
Tree	Chilla	Casearia tomentosa	Sub - Tropical	Available	Available	Own Use	Leaf and Wood	Unknown		Self observed	
Tree	Kakoa	Flacourtia indica	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed	
Tree	Daronkal	Murraya koenigii	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed	
Tree	Dudaya	Wrightia arborea	Sub - Tropical	Available	Available	Own Use	Leaves			Self observed	
Shrubs	Garna	Carissa spinarum	Sub - Tropical	Available	Available	Own Use	Fruits			Self observed	
Tree	Jamun	Syzygium cumini	Sub - Tropical	Available	Available	Own Use Fruits/Wood		Used for Diabetes		Self observed	
Tree	kaam	Mitragyna parvifolia	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Kembal	Lannea coromandelica	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Kamla	Mallotus philippensis	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Khair	Acacia catechu	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Kodh	Aloe barbadensis	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Krongal	Cassia fistula	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Lucenia	Leucaena spp.	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Plah	Butea monosperma	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Phulai	Acacia modesta	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Tree	Pansara	Wendlandia spp.	Sub - Tropical	Available	Available	Own Use	Leaves and Wood			Self observed	
Shrubs	Santa	Dodonaea viscosa	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Sarri	Albezzia spp.	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Simbal	Bombax ceiba	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Talli	Dalbergia sisso	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Thub / Dudhruk	Erythrina spp.	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Balugar	Bauhinia vahlii	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Chuindi	Xylosma longifolium	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Doss/sanan	Colebrookea oppositifolia	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	
Tree	Khini	Ficus semicordata	Sub - Tropical	Available	Available	Own Use	Wood			Self observed	

Tree	Kral	Bauhinia variegata	Sub - Tropical	Available	Available	Own Use	Leaves/Flowers	Self observed
Tree	Lana	Ficus hispidia	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Dhaman	Grewia optiva	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Charmod	Ehretia spp.	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Badh	Ficus religiosa	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Behra	Terminalia bellirica	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Self observed
Tree	Bilan	Aegle marmelos	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Self observed
Tree	Gandila	Nerium oleander	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Gulmorh	Delonix regia	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Oanni	Lyonia ovalifolia	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Rumble	Ficus racemosa	Sub - Tropical	Available	Available	Own Use	Fruits/ Wood	Self observed
Tree	Draink	Melia azedarach	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Self observed
Tree	Harad	Terminalia chebula	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Self observed
Tree	Amb	Mangifera indica	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Self observed
Tree	Soyanjana	Moringa oleifera	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Self observed
Tree	Tunnu	Toona ciliata	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Neem	Azadirachta indica	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	Plakh	Ficus virens	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Self observed
Tree	Rehn	Quercus lucotricophora	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	chamar sama	Holoptelea integrifolia	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	lasura	Cordia myxa	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Self observed
Tree	kassod	Senna siamea	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	tantary	Oroxylum indicum	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Shrubs	BRANKED	Justicia adhatoda	Sub - Tropical	Available	Available	Own Use	Leaves	Self observed
Tree	KHAR	Saccharum bengalense	Sub - Tropical	Available	Available	Own Use	Leaves	Self observed
Tree	Imli	Tamarandis indica	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	Gagerada		Sub - Tropical	Available	Available	Own Use	Wood	Self observed

Tree	kamkam	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	kangi	Sub - Tropical	Available	Available	Own Use	Wood	Self observed
Tree	kenye/kenyo	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	Abrus precatorius	Wild	Social and Economic	Available					
	Khair	Acacia catechu	Wild	Social and Economic	Available					
	Exotic acacia	Acacia farnesiana	Wild	Social and Economic	Available					
	Phulai or Fly	Acacia modesta	Wild	Social and Economic	Available					
	Kikar	Acacia nilotica	Wild	Social and Economic	Available					
	Parkanda	Achyranthes aspera	Wild	Social and Economic	Available					
	Bel	Aegle marmelos	Wild	Social and Economic	Available					
	Nuriya	Aerva sanguinolenta	Wild	Social and Economic	Available					
	Ramban	Agave americana	Wild	Social and Economic	Available					
	Kramblu	Albizia odoratissima	Wild	Social and Economic	Available					
	Safed siris	Albizzia procera	Wild	Social and Economic	Available					
	Kuad Gandal	Aloe barbadensis	Wild	Social and Economic	Available					
	Chaleri Saag	Amaranthus viridis	Wild	Social and Economic	Available					
	Seski	Artemisia parviflora	Wild	Social and Economic	Available					
	Kathal	Artocarpus heterophyllus	Wild	Social and Economic	Available					
	Nad	Arundo donax	Wild	Social and Economic	Available					
	Neem	Azadirachta indica	Wild	Social and Economic	Available					
	Bamboo	Bambusa bambos	Wild	Social and Economic	Available					
	Bamboo	Bambusa nutans	Wild	Social and Economic	Available					
	Kachnar	Bauhinia purpurea	Wild	Social and Economic	Available					
	Baloonger	Bauhinia vahlii	Wild	Social and Economic	Available					
	Kachnar	Bauhinia variegata	Wild	Social and Economic	Available					
	Simbal	Bombax ceiba	Wild	Social and Economic	Available					
	Jungli toot	Broussonetia papyrifera	Wild	Social and Economic	Available					
	Plaah	Butea monosperma	Wild	Social and Economic	Available					
	Bhang	Cannabis sativa	Wild	Social and Economic	Available					
	Chilla	Casearia tomentosa	Wild	Social and Economic	Available					
	Krangal	Cassia fistula	Wild	Social and Economic	Available					
	Mainphal	Catunaregum spinosa	Wild	Social and Economic	Available					
	Aajan Grass	Cenchrus ciliaris	Wild	Social and Economic	Available					
	Brahmi buti	Centella asiatica	Wild	Social and Economic	Available					
	Karun	Chenopodium murale	Wild	Social and Economic	Available					

Khas Khas	Chrysopogon zizanoides	Wild	Social and Economic	Available
Kapoor	Cinnamomum camphora	Wild	Social and Economic	Available
Bhus	Cirsium arvense	Wild	Social and Economic	Available
Sanali or Dussa	Colebrookea oppositifolia	Wild	Social and Economic	Available
Barna	Crateva religiosa	Wild	Social and Economic	Available
Amar Bel	Cuscuta reflexa	Wild	Social and Economic	Available
Shudri	Cynoglossum lanceolatum	Wild	Social and Economic	Available
Deela	Cyperus rotundus	Wild	Social and Economic	Available
Tali	Dalbergia sissoo	Wild	Social and Economic	Available
Dhatura	Datura stramonium	Wild	Social and Economic	Available
Baans	Dendrocalamus strictus	Wild	Social and Economic	Available
Palain	Dichanthium annulatum	Wild	Social and Economic	Available
Kalu grass	Dicliptera bupleuroides	Wild	Social and Economic	Available
Sadhun	Dioscorea melanophyma	Wild	Social and Economic	Available
Santha	Dodonaea viscosa	Wild	Social and Economic	Available
Duranta	Duranta erecta	Wild	Social and Economic	Available
Chamror	Ehretia laevis	Wild	Social and Economic	Available
Dhol Dhak	Erythrina suberosa	Wild	Social and Economic	Available
Pangara	Erythrina variegata	Wild	Social and Economic	Available
Safeda	Eucalyptus camaldulensis	Wild	Social and Economic	Available
Bubbeain	Eulaliopsis binata	Wild	Social and Economic	Available
Thor	Euphorbia royleana	Wild	Social and Economic	Available
Trimbal	Ficus auriculata	Wild	Social and Economic	Available
Bohr	Ficus benghalensis	Wild	Social and Economic	Available
Fagora	Ficus palmata	Wild	Social and Economic	Available
Rumble	Ficus racemosa	Wild	Social and Economic	Available
Badh or Pipal	Ficus religiosa	Wild	Social and Economic	Available
Kakoa	Flacourtia indica	Wild	Social and Economic	Available
Dhaman	Grewia optiva	Wild	Social and Economic	Available
Lamb grass	Heteropogon contortus	Wild	Social and Economic	Available
Aakh	Ipomoea carnea	Wild	Social and Economic	Available
Kharpoway	Ipomoea purpurea	Wild	Social and Economic	Available
Chameli	Jasminum officinale	Wild	Social and Economic	Available
Ratanjot	Jatropha curcas	Wild	Social and Economic	Available
Brenker	Justicia adhatoda	Wild	Social and Economic	Available
Kembal	Lannea coromandelica	Wild	Social and Economic	Available
Panjphuli	Lantana camara	Wild	Social and Economic	Available
Mithu grass	Lathyrus sativus	Wild	Social and Economic	Available

Kamila	Mallotus philippensis	Wild	Social and Economic	Available	
Baryar	Malvastrum coromandelianum	Wild	Social and Economic	Available	
Aam	Mangifera indica	Wild	Social and Economic	Available	
Drehnk	Melia azedarach	Wild	Social and Economic	Available	
Kaam	Mitragyna parvifolia	Wild	Social and Economic	Available	
Toot	Morus alba	Wild	Social and Economic	Available	
Drenkeri	Murraya koenigii	Wild	Social and Economic	Available	
Gandila	Nerium oleander	Wild	Social and Economic	Available	
T/	Olea europaea subsp.	Wild	Social and Economic	Available	
Kua	Cuspidata	Wild	Social and Economic	Available	
Congress Grass or Jari	Parthenium hysterophorus	Wild	Social and Economic	Available	
Deena nath grass	Pennisetum pedicellatum	Wild	Social and Economic	Available	
Napier grass	Pennisetum purpureum	Wild	Social and Economic	Available	
Khajoor	Phoenix sylvestris	Wild	Social and Economic	Available	
Amla	Phyllanthus emblica	Wild	Social and Economic	Available	
Chir	Pinus roxburghii	Wild	Social and Economic	Available	
Daduni	Punica granatum	Wild	Social and Economic	Available	
Jojra	Pupalia lappacea	Wild	Social and Economic	Available	
Basant panchami	Reinwardtia indica	Wild	Social and Economic	Available	
Junglee Palak	Rumex hastatus	Wild	Social and Economic	Available	
Kai	Saccharum spontaneum	Wild	Social and Economic	Available	
Reetha	Sapindus mukorossi	Wild	Social and Economic	Available	
Cassia	Senna sulfurea	Wild	Social and Economic	Available	
Panwar	Senna tora	Wild	Social and Economic	Available	
Kezun grass	Setaria sphacelata	Wild	Social and Economic	Available	
Jamun	Syzygium cumini	Wild	Social and Economic	Available	
Imli	Tamarindus indica	Wild	Social and Economic	Available	
Phul dudi	Tarxacum campylodes	Wild	Social and Economic	Available	
Arjun	Terminalia arjuna	Wild	Social and Economic	Available	
Bahera	Terminalia bellirica	Wild	Social and Economic	Available	
Harar	Terminalia chebula	Wild	Social and Economic	Available	
Giloe	Tinospora sinensis	Wild	Social and Economic	Available	
Tunu	Toona ciliata	Wild	Social and Economic	Available	
Jiyo	Trema orientalis	Wild	Social and Economic	Available	
Pakhra	Tribulus terrestris	Wild	Social and Economic	Available	
Kayalu	Tulipa clusiana	Wild	Social and Economic	Available	
Bachita	Urena lobata	Wild	Social and Economic	Available	
Bana	Vitex negundo	Wild	Social and Economic	Available	

 Pansar	Wendlandia exserta	Wild	Social and Economic	Available
 Dhain	Woodfordia floribunda	Wild	Social and Economic	Available
Dhain	Woodfordia fruticosa	Wild	Social and Economic	Available
Dudhi	Wrightia arborea	Wild	Social and Economic	Available
Jojera	Xanthium strumarium	Wild	Social and Economic	Available
Timbru	Zanthoxylum armatum	Wild	Social and Economic	Available
Ber	Ziziphus jujuba	Wild	Social and Economic	Available
Cribul		Wild	Social and Economic	Available
Kurri		Wild	Social and Economic	Available
Tai		Wild	Social and Economic	Available
Salag		Wild	Social and Economic	Available
Gagerada		Wild	Social and Economic	Available
Tottery		Wild	Social and Economic	Available
kamkam		Wild	Social and Economic	Available
kangi		Wild	Social and Economic	Available
kenye/kenyo		Wild	Social and Economic	Available
lanyan		Wild	Social and Economic	Available
Karkai/katkai		Wild	Social and Economic	Available
Gamai		Wild	Social and Economic	Available
Kalam/kalen		Wild	Social and Economic	Available
Karmanglu		Wild	Social and Economic	Available
Tanda		Wild	Social and Economic	Available
no name		Wild	Social and Economic	Available
mankarahan		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
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 20 : Aquatic Biodiversity

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community/ Knowledge
					Past	Present			uctans	Knowledge
Kamal	Lotus	Plant			Plenty	Plenty				
Barrain	Acorus calamns	Plant			Rare	Rare				
Akk	Ipomea carnea	Plant			Plenty	Plenty				
Kachalu	Typha angustifolia	Plant								
	Colo casia spps									
	Potomogeton spp									
	Nymphea spp									
	Hydrilla spp									
	Monochoria vaginalis									
	Lemna spp									
	Alternanthera philoseiroides									
	Marsilea spp									
	Eichornea									
Mali	Wallago attu	Fish			Rare	Rare				
	Groch anguilla	Fish			Plenty	Rare				
Daddu/Frog	Anura	Amphibians			Plenty	Plenty				
Sanp/Snakes	Serpentes spp	Reptiles			Plenty	Rare				

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	Lesser Duck Weed	Lemna minor	Floating	It is a floating freshwater aquatic plant, with one, two, three or four leaves each having a single root hanging in the water.	On the surface of water of ponds	Used as a livestock feed and mannure for fields	
2	Water Hyacinth	Eichhornia crassipes	Floating	Leaf veins of Eichhornia are dense, numerous, fine and longitudinal. Leaf stalks are bulbous and spongy. The stalk is erect, to 50 cm long, and carries at the top a single spike of 8-15 showy flowers.	On the surface of water of ponds	For breeding of Common Carp	
3	Aak	Ipomea sps	Submerged	This flowering plant is 1-3 m in height, ahs heart shaped leaves 6-9 inches long, stem cylinderical and hollow	On the shore of ponds	Stem used as fire wood, plants used as fencing	

			Form	at 22: Wild P	lants of Mo	edicinal Im	portance				
1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,		Scientific Name	Variety	Landscape	Local Status		Associated	Uses(usage)	Part used	Others details	Community/ Knowledge
Shrub, tree)		Scientific (value		/Habitat	Past	Present	ТК	oses(usage)	Ture useu	market/own use	Holder
Tree	Khair	Acacia catechu	Wild	Sub-troplical	Available	Available					
Tree	Phulai or Fly	Acacia modesta	Wild	Sub-troplical	Available	Available					
Tree	Kikar	Acacia nilotica	Wild	Sub-troplical	Available	Available					
Tree	Parkanda	Achyranthes aspera	Wild	Sub-troplical	Available	Available					
Tree	Bel	Aegle marmelos	Wild	Sub-troplical	Available	Available					
Tree	Kramblu	Albizia odoratissima	Wild	Sub-troplical	Available	Available					
Tree	Neem	Azadirachta indica	Wild	Sub-troplical	Available	Available					
Tree	Simbal	Bombax ceiba	Wild	Sub-troplical	Available	Available					
Shrubs	Bhang	Cannabis sativa	Wild	Sub-troplical	Available	Available					
Shrubs	Garna	Carissa spinarum	Wild	Sub-troplical	Available	Available					
Tree	Krangal	Cassia fistula	Wild	Sub-troplical	Available	Available					
Herbs	Brahmi buti	Centella asiatica	Wild	Sub-troplical	Available	Available					
Herbs	Khas Khas	Chrysopogon zizanoides	Wild	Sub-troplical	Available	Available					
Tree	Kapoor	Cinnamomum camphora	Wild	Sub-troplical	Available	Available					
Tree	Fagora	Ficus palmata	Wild	Sub-troplical	Available	Available					
Tree	Rumble	Ficus racemosa	Wild	Sub-troplical	Available	Available					
Tree	Toot	Morus alba	Wild	Sub-troplical	Available	Available					
Shrubs	Drenkeri	Murraya koenigii	Wild	Sub-troplical	Available	Available					
Tree	Khajoor	Phoenix sylvestris	Wild	Sub-troplical	Available	Available					
Tree	Amla	Phyllanthus emblica	Wild	Sub-troplical	Available	Available					
Tree	Jamun	Syzygium cumini	Wild	Sub-troplical	Available	Available					
Tree	Imli	Tamarindus indica	Wild	Sub-troplical	Available	Available					
Tree	Arjun	Terminalia arjuna	Wild	Sub-troplical	Available	Available					
Tree	Bahera	Terminalia bellirica	Wild	Sub-troplical	Available	Available					
Tree	Harar	Terminalia chebula	Wild	Sub-troplical	Available	Available					
Herbs	Giloe	Tinospora sinensis	Wild	Sub-troplical	Available	Available					

| Heros | Giloe | Tinospora sinensis | Wild | Sub-troplical | 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	5		7	8	9	10	
Local	Scientific	A	T. J.	Local Status		Uses	Part	Associated	0411-4-7-	Community / Know	
Name	Name	Associated crop	Landscape / Habitat	Past	Present	(usage)	Used	TK	Other details	holder	
Chaleri Saag	Amaranthus viridis		Sub-troplical	Available	Available	Vegetable	Whole Plant				
Jangli Putna	Mentha specata		Sub-troplical	Available	Available	Medicines	Leaves				

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
Kachnar	Daubinia naniocata		Terrestrial	Non commercial	Used for	Pink flowers in	Floriculturists/
Kacımar	Bauhinia variegata		Subtropical	Non commercial	Dysentry, Diarrhoea	Summer	Nurserymen/Gardeners
Nerium	Nerium oleander		Terrestrial	Non commercial	Eninlancy concer	Avenue plantation	Floriculturists/
Nertuin	nerium oleanaer		Subtropical	Non commercial	Epipiepsy, cancer	Avenue plantation	Nurserymen/Gardeners
Kaner	Thoughia namayiana		Terrestrial	Non commercial	Fevers	Flower most of the	Floriculturists/
Kanei	Thevetia peruviana		Subtropical	Non commercial	revers	year	Nurserymen/Gardeners
Bottle Brush	Callistemmon spp.		Terrestrial	Non commercial	Theraputic uses	Foilage and	Floriculturists/
Bottle Blush	Cautstemmon spp.		Subtropical	Non commercial	Theraputic uses	flowers	Nurserymen/Gardeners
Bogan Bael	B.Sp & hybrids		Terrestrial	Non commercial	Antidiabetic,	Multicoloured	Floriculturists/
Bogan Baei	B.Sp & nyorus		Subtropical	Non commercial	antiinflammatory	flowers	Nurserymen/Gardeners
Agaya	Agana angustifali-a		Terrestrial	Non commercial	Traditional	Succulent	Floriculturists/
Agave	Agave angustifolia		Subtropical	INOII COIIIIICICIAI	medicines	Succulent	Nurserymen/Gardeners

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local name	Scientific Name	Variety	Habitat	Local	Status	Uses(Usage)	Part used	Associated TK	Others details (mode of use)	Community Knowledge Holder
					Past	Present				ĺ	
	Khair	Acacia catechu			Rare	Rare					
	Phulai or Fly	Acacia modesta			Plenty	Rare					
	Kikar	Acacia nilotica			Plenty	Rare					
	Parkanda	Achyranthes aspera									
	Bel	Aegle marmelos			Plenty	Plenty					
	Kramblu	Albizia odoratissima			Plenty	Plenty					
	Neem	Azadirachta indica			Rare	Rare					
	Jungli toot	Broussonetia papyrifera			Plenty	Plenty					
	Bhang	Cannabis sativa			Plenty	Plenty					
	Garna	Carissa spinarum			Plenty	Plenty					
	Brahmi buti	Centella asiatica			Rare	Rare					
	Khas Khas	Chrysopogon zizanoides			Rare	Rare					
	Kapoor	Cinnamomum camphora			Rare	Rare					
	Amar Bel	Cuscuta reflexa			Plenty	Plenty					
	Tali	Dalbergia sissoo			Plenty	Plenty					
	Fagora	Ficus palmata			Plenty	Plenty					
	Rumble	Ficus racemosa			Plenty	Plenty					
	Kakoa	Flacourtia indica			Rare	Rare					
	Dhaman	Grewia optiva			Rare	Rare					
	Aam	Mangifera indica			Plenty	Plenty					
	Toot	Morus alba			Plenty	Plenty					
	Drenkeri	Murraya koenigii			Rare	Rare					
	Khajoor	Phoenix sylvestris			Rare	Rare					
	Amla	Phyllanthus emblica			Plenty	Plenty					
	Reetha	Sapindus mukorossi			Rare	Rare					
	Jamun	Syzygium cumini			Rare	Rare					
	Imli	Tamarindus indica			Rare	Rare					
	Bahera	Terminalia bellirica			Rare	Rare					
	Harar	Terminalia chebula			Rare	Rare					

_							
Ι	C'1	T:		Doro			
- 1	Giloe	Tinospora sinensis	Rare	Kare			

Format 26: Timber Plants

1	2	3		4	5	6	7	8
T 137	C t te N	** ***	Local	Status	0.1 .6		0.1 5 . 1	Community/ Knowledge
Local Name	Scientific Name	Habitat	Past	Present	Other uses, if any	Associated TK	Other Details	Holder
Khair	Acacia catechu		Abundant	Abundant	Own			
Exotic acacia	Acacia farnesiana		Abundant	Abundant	Own			
Phulai or Fly	Acacia modesta		Rare	Rare	Own			
Kikar	Acacia nilotica							
Parkanda	Achyranthes aspera							
Bel	Aegle marmelos		Rare	Rare	Own			
Nuriya	Aerva sanguinolenta							
Ramban	Agave americana		Rare	Rare	Own			
Kala Siris	Albizia lebbeck							
Kramblu	Albizia odoratissima		Abundant	Abundant	Own			
Safed siris	Albizzia procera		Abundant	Abundant	Own			
Seski	Artemisia parviflora							
Neem	Azadirachta indica							
Kachnar	Bauhinia purpurea		Rare	Rare	Own			
Baloonger	Bauhinia vahlii		Rare	Rare	Own			
Kachnar	Bauhinia variegata		Rare	Rare	Own			
Simbal	Bombax ceiba							
Jungli toot	Broussonetia papyrifera							
Plaah	Butea monosperma							
Chilla	Casearia tomentosa		Rare	Rare	Own			
Krangal	Cassia fistula		Rare	Rare	Own			
Mainphal	Catunaregum spinosa							
Karun	Chenopodium murale							
Kapoor	Cinnamomum camphora							
Bhus	Cirsium arvense							
Sanali or Dussa	Colebrookea oppositifolia							
Safeda	Corymbia citriodora							
Barna	Crateva religiosa							
Amar Bel	Cuscuta reflexa							
Shudri	Cynoglossum lanceolatum							
Deela	Cyperus rotundus							
Tali	Dalbergia sissoo							
Dhatura	Datura stramonium							
Baans	Dendrocalamus strictus							
Palain	Dichanthium annulatum							
Sadhun	Dioscorea melanophyma							
Santha	Dodonaea viscosa							

D :	D ()	1	T	1	1
Duranta	Duranta erecta				
Chamror	Ehretia acuminata				
Chamror	Ehretia laevis				
Dhol Dhak	Erythrina suberosa				
Pangara	Erythrina variegata				
Bubbeain	Eulaliopsis binata				
Thor	Euphorbia royleana				
Trimbal	Ficus auriculata				
Bohr	Ficus benghalensis				
Fagora	Ficus palmata				
Rumble	Ficus racemosa				
Badh or Pipal	Ficus religiosa				
Kakoa	Flacourtia indica				
Kanphuta	Flemingia chappar				
Bhattani	Gomphrena celosioides				
Dhaman	Grewia optiva				
Lamb grass	Heteropogon contortus				
Aakh	Ipomoea carnea				
Kharpoway	Ipomoea purpurea				
Chameli	Jasminum officinale				
Brenker	Justicia adhatoda				
Kembal	Lannea coromandelica				
Panjphuli	Lantana camara				
Mithu grass	Lathyrus sativus				
Kamila	Mallotus philippensis				
Baryar	Malvastrum coromandelianum				
Aam	Mangifera indica				
Drehnk	Melia azedarach				
Kaam	Mitragyna parvifolia				
Toot	Morus alba				
Khajoor	Phoenix sylvestris				
Amla	Phyllanthus emblica				
Chir	Pinus roxburghii				
Daduni	Punica granatum				
Jojra	Pupalia lappacea				
Basant panchami	Reinwardtia indica				
Arnid	Ricinus communis				
Junglee Palak	Rumex hastatus				
Khar	Saccharum bengalense				
Kai	Saccharum spontaneum				
Reetha	Sapindus mukorossi				
Bari kasondi	Senna occidentalis				
Kassod	Senna siamea				

Cassia	Senna sulfurea				
Panwar	Senna tora				
Kayan Kothi	Solanum americanum				

Ban tamakoo	Solanum erianthum				
Jamun	Syzygium cumini				
Imli	Tamarindus indica				
Phul dudi	Tarxacum campylodes				
Arjun	Terminalia arjuna				
Bahera	Terminalia bellirica				
Harar	Terminalia chebula				
Tunu	Toona ciliata				
Jiyo	Trema orientalis				
Pakhra	Tribulus terrestris				
Kayalu	Tulipa clusiana				
Bachita	Urena lobata				
Pansar	Wendlandia exserta				
Dhain	Woodfordia floribunda				
Dudhi	Wrightia arborea				
Jojera	Xanthium strumarium				
Ber	Ziziphus jujuba				
Cribul	<u> </u>				
Kurri					
Narsino					
Pandal					
Rala					
Tai					
Salag					
Karmroo					
Khro					
Gagerada					
Tottery					
kamkam					
kangi					
kenye/kenyo					
lanyan					
Karkai/katkai					
Gamai					
Kalam/kalen					
Karmanglu					
Tanda					
no name					
mankarahan					
Amity					
Banhadma					
Gangara					
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				

	Format 27 A: Coastal and Marine Flora													
1	2	3	4		5	6	7	8	9	10				
Plant Type	Local Name	Scientific Name	Hahitat	Local Status Habitat		Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/				
Tune Type	Boear rame	Setemane 1 tame	THORN	Past	Present	(if any)	(if any)		11350ciucu 111	Knowledge Holder				
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil				

	Format 27 B: Coastal and Marine Fauna															
1	2	3	4	:	5	6	7	8	9	10						
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Local Status		Local Status		Local Status		Parts	Commercial Uses	Other Uses	Associated TK	Community/
				Past	Present	Collected (if any)	(if any)			Knowledge Holder						
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	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	Habitat	Description	Season when	Local	Status	Uses(if any)	Associated	Mode of Hunting,	Others	Community Knowledge
Animai Type		Scientific Name	парна	Description	seen	Past	Present	Uses(II ally)	TK	Collecting(if any)	details	Holder
Mammals	Barking Deer	Muntiacus	Jungle			Rare	Rare					
Mammals	Chital	Axis axis	Jungle			Rare	Rare					
Mammals	Squirrel	Sciuridae	Jungle			Plenty	Plenty					
Mammals	Porcupine	Erethizontidae	Jungle			Rare	Rare					
Mammals	Fox	Vulpes vulpes	Jungle			Rare	Rare					
Mammals	Jackal	Canis aureus	Jungle			Plenty	Plenty					
Mammals	Jungle Cat	Felis chaus	Jungle			Plenty	Plenty					
Mammals	Neelgai	Boselaphus tragocamelus	Jungle			Plenty	Plenty					
Mammals	Rhesus Macaque	Macaca mulatta	Jungle			Plenty	Plenty					
Birds	Parakeet	Melopsittacus undulatus	Jungle			Plenty	Plenty					
Birds	Sparrow	Passeridae	Jungle			Plenty	Plenty					
Birds	Owlet	Strigidae	Jungle			Plenty	Plenty					
Birds	Myna	Acridotheres tristis	Jungle			Plenty	Plenty					
Birds	Swallow	Hirundinidae	Jungle			Plenty	Plenty					
Birds	Black Drongo	Dicrurus macrocercus	Jungle			Plenty	Plenty					
Birds	Black Kite	Milvus migrans	Jungle			Plenty	Plenty					
Birds	Pigeon	Columbidae	Jungle			Rare	Plenty					
Birds	Bee Eater	Meropidae	Jungle			Rare	Rare					
Birds	Blue whistling thrush	Myophonus caeruleus	Jungle			Rare	Rare					
Birds	Woodpecker	Picidae	Jungle			Rare	Rare					
Birds	Cattle egret	Bubulcus ibis	Jungle			Rare	Rare					
Birds	Vulture	Gyps indicus	Jungle			Plenty	Plenty					
Birds	Wagtail	Motacilla	Jungle			Plenty	Plenty					
Birds	Eagle	Accipitridae	Jungle			Plenty	Plenty					
Birds	House sparrow	Passer domesticus	Jungle			Rare	Plenty					
Birds	House Crow	Corvus splendens	Jungle			Plenty	Plenty					
Birds	Indian flycatcher	Terpsiphone paradisi	Jungle			Rare	Rare					
Birds	Dove	Columbidae	Jungle			Rare	Rare					
Birds	Jungle Fowl	Gallus	Jungle			Rare	Rare					
Reptiles	Lizard	Lacertilia	Jungle			Plenty	Plenty					

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Format 29: Flora									
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			
S.No	Local Name	Scintific Name	Type of Animals (Mammals /Birds/Fish/Insects 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				
	none					

End of Part II