People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti BHIKER
taluk: BHIKER
District: KATHUA
State: JAMMU AND KASHMIR
Geographical Area of the Panchayat Samiti: 226.0 heacter
Population under the Panchayat Samiti: Total 1472
Male 691. Female 781
Habitat and Topography: 12
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: RALO DEVI age 31 Gender: Female Address: PANCHYAT BHIKER Area of specialization: 2) Name: KRISHAN CHAND Age:55 Gender: MALE Address: MANPHUR Area of specialization: 3)Name: JOGINDER SINGH Age: 36 Gender:MALE Address: PANCHYAT BHIKER Area of specialization: 4)Name: MOHINDER PAUL Age: 42 Gender: MALE Address: PANCHYAT BHIKER Area of specialization: 5)Name: NATHI DEVI Age: 42 Gender: FEMALE Address: PANCHYAT BHIKER Area of specialization: 6)Name: SHANI DEVI Age: 50 Gender: FEMALE Address: PANCHYAT BHIKER Area of specialization: 7)Name: DEWAN CHAND Age: 57 Gender: MALE Address: PANCHYAT BHIKER 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 : Rattan Chand
Age: 45
Gender: Male
Address:Bhiker
Area of specialization:
Location from which the person accesses biological material: LOCAL AREA
Perception of the practitioner on the resource status:
Medicinal Use: FEVER COLD COUGH ETC
2) Name:Mashu Ram
Age:60
Gender:Male
Address:Bhiker
Area of specialization:
Location from which the person accesses biological material: Local
Perception of the practitioner on the resource status:
Medicinal Use:Fever, Cold, Cough, Ulcer
3) Name: Baliya Ram
Age:90
Gender:Male
Address:Panchayat Bihker Village Morha Seelo
Area of specialization:
Location from which the person accesses biological material: Local
Perception of the practitioner on the resource status:
Medicinal Use:Fever, Cold, Ulcer

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: Krishan Chand
Age:65
Gender:Male
Address:Panchayat Bhiker Village
Area of specialization: Agriculture
2) Name of the Chairperson: Puttu Ram
Age:54
Gender:Male
Address:Bhiker
Area of specialization:Agriculture
3) Name of the Chairperson:Mohinder Paul
Age:42
Gender:Male
Address:Bhiker
Area of specialization:Agriculture
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
Contact Person:
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

Annexur	re 5				
	access to biological resources their sharing	and traditional knowledge grai	nted, details of the collectio	n fee imposed and details	of the benefit derived and the
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
	1	1		I	i e

Format 1:	Crop Plants
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1	2	3	4	5	6	<u> </u>	7	8	9	10	11	12	13	14
1	2		-	3	0		Status	0	,	10	11	12	13	14
Сгор	Scientific Name	Local Name	Variety	Landscape/ Habitat	Approx. area shown	Past	Present	Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
	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.	
Rice	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.	
wneat	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.	
Maiga	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.	
Maize	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	Т-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.	Transplanting 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.	
Barley	Hordeum vlgare	Joo										Agri. Deptt.	
Pearl millet	Pennisetum glaucum	Bajra			 							Agri. Deptt.	
Mustard	Brassica nigra	Sarsoo										Agri. Deptt.	
Turmeric	Curcuma longa	Haldi										Agri. Deptt.	
Onion	Allium cepa	Gande										Agri. Deptt.	
Garlic	Allium sativum	Thomb										Agri. Deptt.	

Pumpkin	Cucurbita	Kadun						Agri. Deptt.	
Potato	Solanum tuberosum	Aloo						Agri. Deptt.	
Spinach	Spinacia oleracea	Palak						Agri. Deptt.	
Radish	Raphanus sativus	Muli						Agri. Deptt.	

FORMAT 2: FRUIT PLANTS AGRO BIODIVERSITY

					LOCAL	STATUS			ASSOCIATED	COMMINUTAL
PLANT	SCIENTIFIC NAME	LOCAL NAME	VARIETY	LANDSCAPE HABITAT	PAST	PRESENT	SOURCE SEEDS/PLANTS	SEASON OF FRUITING	TKOTHER DETAILS MARKET/OWN	COMMUNITY KNOWLEDGE HOLDER
PAPAYA	Carica papaya	PAPITA	DESI, UNBUDDED	AGRI. LAND	AVAILABLE	AVAILABLE	SEEDS/PLANTS	ALL SEASONS	OWN USES	
MANDARIN	Citrus reticulata	SANGTRA	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-SEPT	OWN USES	
ANOLA	Phyllanthus emblica	AMLA	DESI, UNBUDDED	AGRI. LAND	RARE	AVAILABLE	PLANTS	OCT-DEC	OWN USES	
CUSTARD APPLE	Annona reticulata	SITA PHAL	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	PLANTS	AUG-NOV	OWN USES	
PEAR	Pyris communis	NAKH	SLECTION	AGRI. LAND	RARE	RARE	PLANTS	AUG-NOV	OWN USES	
MOUSAMBI	Citrus aurantifolia	MOSAMBI	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-SEP	OWN USES	
GUAVA	Psidium guajava	AMBRUD	DESI, UNBUDDED	AGRI. LAND	AVAILABLE	ABUNDANT	SEEDS/PLANTS	AUG- DEC	OWN USES	
LEMON	Citrus aurantifolia	NIMBU	DESI, UNBUDDED	AGRI. LAND	AVAILABLE	AVAILABLE	SEEDS/PLANTS	NOV- DEC	OWN USES	
TRIMBLI		TRIMBLI	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	PLANTS	MAY- JUNE	OWN USES	
BANANA	Musa paradisica	KELA	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	PLANTS	JULY- AUGUST	OWN USES	
JAMUN	Syzygium cumini	JAMUN	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH-JULLY	OWN USES	
RUBUS	Rubus ellipticus	AKHRA	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	PLANTS	MAY- JUNE	OWN USES	
WILD KHAJOOR	Phoenix sylvestris	WILD KHAJOOR	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	OCT-DEC	OWN USES	
KAMLU		KAMLU	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	PLANTS	MAY- JUNE	OWN USES	

ALMOND	Prunus dulcis	BADAM	CALIFORNI	AGRI. LAND	RARE	RARE	PLANTS	FEB-SEP	OWN USES	
PHAGWARI	Fragarria nubicola	PHAGWOORA	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-JUNE	OWN USES	
TOOT	Morus indica	SHAHTOOT	WILD (UNBUDDED)	AGRI. LAND	RARE	AVAILABLE	PLANTS	JULY- AUGUST	OWN USES	
PEACH	Prunis persica	AADO	SELECTION	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH- JUNE	OWN USES	
KARONDA	Carissa carandas	GARNA	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH- AUGUST	OWN USES	
BER	Zizyphus mauritiana	BER	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	FEB- APRIL	OWN USES	
WALL NUT	Juglans regia	AKHROOT	KAGZI, WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH-JULY	OWN USES	
PLUM	Prunus	ALOO BAKHARA	SATLUJ/SANAT/ ROSA	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH-JULY	OWN USES	
APPLE	Malus domesticta	SEB	ROYAL/GOLDEN DELICIOUS	AGRI. LAND	RARE	RARE	PLANTS	MARCH-JULY	OWN USES	
Kimb	Citrus Medica	Kimb		AGRI. LAND			PLANTS		OWN USES	
Mango	Mangifera indica	Amb		AGRI. LAND			PLANTS		OWN USES	
Fig	Ficus carica	Anjeer		AGRI. LAND			PLANTS		OWN USES	
		Trimbal		AGRI. LAND					OWN USES	
Java Plum	Syzygium cumini	Jamun		AGRI. LAND			Plants		OWN USES	

FORMAT: 3 FODDER CROPS / SPECIES

Plant	Scientific Name	Local name	Landscape / Habitat	Loca	ıl status	Source of Plant / Seeds	Associate TK	Part Used	Other details	community / Knowledge Holder
				Past	Present					
Sorghum	Sorghum bicolor	Jowar	Warm climate crop	Plenty	Plenty	Agri. Deptt.	It has resistance to desiccation and tolerate to water logging condition .	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.	It is reich in Calicum and phophorus	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	
		Cherri								
Pearl millet	Pennisetum glaucum	Bajra								
Corn	Zea mays	Maize								
		Dhaman								
Indian jujube	Ziziphus mauritiana	Ber								
	Bauhinia variegate	Karal								
		Serri								

	Triticum	Wheat				
Barley	Hordeum vlgare	Joo				

FORMAT: 4 Weeds

Plant	Scientific Name	Local name	Affected Crop	Impact	Landscape / Habitat	Loc	al status	Uses if any	Management Option	Associate TK	Other details	Community / Knowledge Holder
			·			Past	Present	,				
shol	Local	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	Local	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.	
Congress Grass	Parthenium hysterophorus L	Congressi									
Mint	Mentha	Pudina									
		Laan									
		Tribdu									

FORMAT: 5 Pests of Crop

Host	Insect / Animal	Scientific Name	Local name	Habitat	Time / Season of Attack	Management Mechanism	Associate 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.	
	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	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	through out the year	Destroy termitaria in an around field 2. Never use raw FYM For termites control in standing crop, dilute 4l of chlorpyriphos 20EC in 5l of water and mix in 50 kg of sand thoroughjly. Boradcast this treated soil in the infested areas.	These are Social insect that lives under gound in colonies.	The demage plant dry up completely and are easily pulled out	
Maize	Stem borer	Chilo partellus	Lurhi, kidda,	Occurs through out the country	July onward . 15-20 days after Germination	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	

	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 Donot spray the crop near harvesting			
Vegetable	Fruit fly	Bactrocera cucurbitae	Titali	Fruit flies are of concern both as nuisance pests and as serious contaminators of food.	After Summer Rains when Humidity is high.	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 maggotshaped. They can be recognized by the stalked posterior spiracles on the last abdominal segment.	

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

M	1 [ajor Landscap	oes	2	3	4	5	6	7	8	9	10	11	12
Agricultural Land	Pond	Fallow Land	Sub- Landscape	Features & Approx Area	Ownership	General Flora	General Fauna	User Groups	Management Practices	General Uses	Associate TK	Other Details	Community Accessed
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land	-	Private	Local Plants&some wild Plants	Insects	Local People	Modern Agricultral Practices	Agricultral	Unknown	Unknown	Local People
Irrigated land	Not applicable	Not applicable	Irrigated Land	-	Govt. & Private	Acquatic Plants	Insects	Local People	Modern Agricultral Practices	Agricultural	Unknown	Unknown	Local People
Forest Land	Not applicable	Not applicable	Forest Land	-	Govt.	Local Plants& some wild Plants	Insect & Amphibians	Local People	-	Firewood And Grazing	Unknown	Unknown	Local People
Grazing Land	Not applicable	Not applicable	Non Irrigated Land	-	Govt.	some wild Plants	Insects	Local People	-	Grazing of Cattles	Unknown	Unknown	Local People

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

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

FORMAT: 10 Soil Type

					•		
Soil Type	Color & texture	Features	Soil Management	Plants / Crop Suitable	Flora and Fauna	Associate 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: FRUIT CROPS DOMESTICATED BIODIVERITY

1	2	3	4	5	6	7	8	9	10	11	12
PLANT	SCIENTIFIC NAME	LOCAL NAME	VARIETY	LANDSCAPE HABITAT	LOCAL PAST	STATUS PRESENT	SOURCE SEEDS/PLA NTS	SEASON OF FRUITING	ASSOCIATED TK	OTHER DETAILS MARKET/OWN USE	COMMUNITY KNOWLEDGE HOLDER
MANGO	Mangifera indica	AAM	DASHERI, AMARPALI, MALIKA	AGRI. LAND	AVAILABLE	ABUNDANT	SEEDS/ PLANTS	MARCH-JULLY		OWN USES/MKT	
APPLE	Malus domesticta	SEB	ROYAL RED/GOLDEN DELICIOUS	AGRI. LAND	RARE	RARE	PLANTS	MARCH-JULY		OWN USES/MKT	
GUAVA	Psidium guajava	AMBRUD	L-49, ALLAHABAD SAFEDA	AGRI. LAND	RARE	AVAILABLE	SEEDS/ PLANTS	AUG- DEC		OWN USES/MKT	
LEMON	Citrus aurantifolia	NIMBU	KAGZI, KUMKATH	AGRI. LAND	AVAILABLE	ABUNDANT	SEEDS/ PLANTS	NOV- DEC		OWN USES/MKT	
MOUSAMBI	Citrus aurantifolia	MOSAMBI	GRAFTED	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	APRIL-SEP		OWN USES/MKT	
POMEGRANATE	Citrus limettoides	ANAAR	KANDHARI, GANESH	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	APRIL-MAY		OWN USES/MKT	
PAPAYA	Punica granatum	PAPITA	RED LADY, WASHINGTON	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	ALL SEASONS		OWN USES/MKT	

MANDARIN	Carica papaya	SANGTRA	GRAFTED	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	APRIL-SEPT	OWN USES/MKT	
GRAPES	Citrus reticulata	ANGOOR, DAAKH	THOMSON SEEDLESS, PRIETTE	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	JUNE-SEPT	OWN USES/MKT	
ANOLA	Vitis vinifera	AMLA	NA-7 BANARSI	AGRI. LAND	RARE	RARE	PLANTS	AUG-NOV	OWN USES/MKT	
WALL NUT	Phyllanthus emblica	AKHROOT	KAGZI LOCAL, HARD SHIELD	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	MARCH-JULY	OWN USES/MKT	

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

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

Shrubs	Garna	Carissa spinarum	Shrubs	Sub-Tropical	Seed	Available	Available	Own Use	Leves	Used as Medicine	Used as medicine	
Shrubs	Drenkeri	Murraya koenigii	Shrubs	Sub-Tropical	Seed	Available	Available	Own Use	Leves	Used as Medicine	Used as medicine	
	Safdotri	Manilkara zapota		Sub-Tropical								
	Pujpatri	Jasminum auriculatum		Sub-Tropical								
	Dosa			Sub-Tropical								
	Basuti	Adathoda vasica		Sub-Tropical								
	Neem	Azadirachta indica		Sub-Tropical								
	Tulsi	Ocimum tenuiflorum		Sub-Tropical								
		tenuijlorum		1								

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide) Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details
Ornamental	Kachnar	Bauhinia variegate		Nurseries/ Forest	Non-Commerical	Ornamental/ Lanscaping	Used for Dysentry	Pink flowers
Bushes/ Shrubs	Nerium	Nerium oleander		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Epoplepsy, cancer	Avenue plantation
Bushes/ Shrubs	Kaner	Thevetia peruviana		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Fevers	Flower most of the year
Bushes/ Shrubs	Bogan Bael	Boughanbhallia		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Antidiabetic, antiflammatory	Multicoloured flowers
Bushes/ Shrubs	Golden Duranta	Duranta repens		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Beneficial in itching, malaria, asthma etc,	Foliage, edging
Bushes/ Shrubs	Hibiscus	Hibiscus rosasinensis		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Used in Contipation	Flower throughout the year
Bushes/ Shrubs	Guldopahar	Portulaca Grandiflora		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Antioxidant	Summer annual
Bushes/ Shrubs	Agave	Agave angustifolia		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Traditional medicines	Succulent
	Gutti							
	Gulab	Rosa						
	Raat Ki Rani	Cestrum nocturnum						

	10
Commu	ınity/ Know. hol
Floricu	lturist/ Nurserymo Gardners

		'1

Format 14: Timber Plants / Trees

1	2	3	4		5	6	7	8	9	10
				Loc	cal status		Other			ls Community/ Know. holder
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	Wild/ home- garden	uses (multi)	Associated TK	Other details	Community/ Know. holder
	Kikker	Acacia								
	Simbal	Bombax ceiba								
	Chir	Pinus roxburghii								
	Tali	Dalbergia sissoo								
	Toonu	Toona ciliata								
Chinaberry	Drank	Melia azedarach								
	Bhani	Quercus incana								
	Safeda	Eucalyptus								
Java Plum	Jamun	Syzygium cumini								

Format 15: Domesticated Animals

1	2	3	4	5	6		7	8	9	10	11	
Animal Type	Local Name	Scientific Name	Breed (local/	Features	Method of		ocal atus	Uses	Associated TK	Commercial rearing	Other details including products and	
			hybrid)		keeping	Past	Present			•	services	
Cow	Gaay/ Goo	Bos taurus	Hybrid/ Local	High fertility, High Nilk yield/ Low Milk yield, adoptable to local climate condition	Domesticated			Milk & cow dungs	Highly Nutritious & complete diet	Yes/ No	Nil	
Buffalo	Bhains/ Maai	Bubalus bubalis	Local/ Upgraded	Black in colour/ Moderate to High Milk yield with High Fat %age	Domesticated			Milk & cow dungs	Considered more energetic due to High Fat %age	Commercial in upgraded, Non Commercial in local	Nil	
Ox	Bael/ Dand	Bos taurus	Hybrid/ Local	Ploughing & carriage	Domesticated			Ploughing & carriage	-	No	Nil	
Dog	Kutta	Canis lupus familiaris	Hybrid/ Local	Pet	Domesticated & stray			Guarding & Watching	-	No	Nil	
Horse/Mules/ Donkey	Ghoda/ Khachar/Kho ta	Equus caballus	Hybrid/ Local	-	Domesticated			Carriage & Cart Pulling	-	No	Nil	
Buff Bull	Chotta	Bubalus bubalis	Local	-	Domesticated			Breedin and Ploughing	-	No	Nil	
Cat	Billi	Felis catus	Local	-	Domesticated & Free Roaming			No	-	No	Nil	
Poultry	Kukad/ Kukdi	Gallus gallus domesticus	Hybrid/ Local	-	Domesticated			Meat & egg Production	-	Yes	Nil	

—						

Uses include milk, meat, skin, fur and etc

12
Community Know. Holders
Self observed

Format 16: Culture Fisheries

1	2	3	4	5	6		7	8	9	10	11	12
					Waterscane	Loc	cal status				Other	Community Know.
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Past	Present	Uses	Associated TK	Commercial rearing	details	Holders

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

Format 17: Markets / Fairs for Domesticated Animals, 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
DI 4					Loca	l Status					C '4 K 1.1
Plant Type	Local name	Scientific Name	Habit	Habitat	Past	Present	Commierical/ Own use	Part Collected	Associated TK	Others details	Community Knowledge Holder
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	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	Oanni	Lyonia ovalifolia	Tree	Sub - Tropical	Available	Available	Own Use	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	Amb	Mangifera indica	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
	Banj			Sub - Tropical							Self observed
	Kenth			Sub - Tropical							Self observed
	Trimbru	Tectona grandis		Sub - Tropical							Self observed
	Chew			Sub - Tropical							Self observed
Tree	Khajur	Phoenix dactylifera		Sub - Tropical							Self observed

Format 19: Wild Plant Specieis of Importance

1	2	3	4	5	6
SI. 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	Kapoor	Cinnamomum camphora	Wild	Social and Economic	Available
35	Bhus	Cirsium arvense	Wild	Social and Economic	Available
36	Sanali or Dussa	Colebrookea oppositifolia	Wild	Social and Economic	Available
37	Barna	Crateva religiosa	Wild	Social and Economic	Available
38	Amar Bel	Cuscuta reflexa	Wild	Social and Economic	Available
39	Shudri	Cynoglossum lanceolatum	Wild	Social and Economic	Available
40	Deela	Cyperus rotundus	Wild	Social and Economic	Available
41	Tali	Dalbergia sissoo	Wild	Social and Economic	Available
42	Dhatura	Datura stramonium	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	Bubbeain	Eulaliopsis binata	Wild	Social and Economic	Available
53	Thor	Euphorbia royleana	Wild	Social and Economic	Available
54	Trimbal	Ficus auriculata	Wild	Social and Economic	Available
55	Bohr	Ficus benghalensis	Wild	Social and Economic	Available
56	Fagora	Ficus palmata	Wild	Social and Economic	Available
57	Rumble	Ficus racemosa	Wild	Social and Economic	Available
58	Badh or Pipal	Ficus religiosa	Wild	Social and Economic	Available
59	Kakoa	Flacourtia indica	Wild	Social and Economic	Available
60	Kanphuta	Flemingia chappar	Wild	Social and Economic	Available

61	Bhattani	Gomphrena celosioides	Wild	Social and Economic	Available
62	Dhaman	Grewia optiva	Wild	Social and Economic	Available
63	Lamb grass	Heteropogon contortus	Wild	Social and Economic	Available
64	Aakh	Ipomoea carnea	Wild	Social and Economic	Available
65	Kharpoway	Ipomoea purpurea	Wild	Social and Economic	Available
66	Chameli	Jasminum officinale	Wild	Social and Economic	Available
67	Ratanjot	Jatropha curcas	Wild	Social and Economic	Available
68	Brenker	Justicia adhatoda	Wild	Social and Economic	Available
69	Kembal	Lannea coromandelica	Wild	Social and Economic	Available
70	Panjphuli	Lantana camara	Wild	Social and Economic	Available
71	Mithu grass	Lathyrus sativus	Wild	Social and Economic	Available
72	Kamila	Mallotus philippensis	Wild	Social and Economic	Available
73	Baryar	Malvastrum coromandelianum	Wild	Social and Economic	Available
74	Aam	Mangifera indica	Wild	Social and Economic	Available
75	Drehnk	Melia azedarach	Wild	Social and Economic	Available
76	Kaam	Mitragyna parvifolia	Wild	Social and Economic	Available

	1			T .	
77	Toot	Morus alba	Wild	Social and Economic	Available
78	Drenkeri	Murraya koenigii	Wild	Social and Economic	Available
79	Gandila	Nerium oleander	Wild	Social and Economic	Available
80	V.	Olea europaea subsp.	Wild	Social and Economic	Available
81	- Kua	cuspidata	Wild	Social and Economic	Available
82	Chhitter	Opuntia elatior	Wild	Social and Economic	Available
83	Tetar	Oroxylum indicum	Wild	Social and Economic	Available
84	Congress Grass or Jari	Parthenium hysterophorus	Wild	Social and Economic	Available
85	Deena nath grass	Pennisetum pedicellatum	Wild	Social and Economic	Available
86	Napier grass	Pennisetum purpureum	Wild	Social and Economic	Available
87	Khajoor	Phoenix sylvestris	Wild	Social and Economic	Available
88	Amla	Phyllanthus emblica	Wild	Social and Economic	Available
89	Chir	Pinus roxburghii	Wild	Social and Economic	Available
90	Daduni	Punica granatum	Wild	Social and Economic	Available
91	Jojra	Pupalia lappacea	Wild	Social and Economic	Available
92	Basant panchami	Reinwardtia indica	Wild	Social and Economic	Available

93	Arnid	Ricinus communis	Wild	Social and Economic	Available
94	Junglee Palak	Rumex hastatus	Wild	Social and Economic	Available
95	Khar	Saccharum bengalense	Wild	Social and Economic	Available
96	Kai	Saccharum spontaneum	Wild	Social and Economic	Available
97	Reetha	Sapindus mukorossi	Wild	Social and Economic	Available
98	Bari kasondi	Senna occidentalis	Wild	Social and Economic	Available
99	Kassod	Senna siamea	Wild	Social and Economic	Available
100	Cassia	Senna sulfurea	Wild	Social and Economic	Available
101	Panwar	Senna tora	Wild	Social and Economic	Available
102	Kezun grass	Setaria sphacelata	Wild	Social and Economic	Available
103	Kayan Kothi	Solanum americanum	Wild	Social and Economic	Available
104	Ban tamakoo	Solanum erianthum	Wild	Social and Economic	Available
105	Jamun	Syzygium cumini	Wild	Social and Economic	Available
106	Imli	Tamarindus indica	Wild	Social and Economic	Available
107	Phul dudi	Tarxacum campylodes	Wild	Social and Economic	Available
108	Arjun	Terminalia arjuna	Wild	Social and Economic	Available

109	Bahera	Terminalia bellirica	Wild	Social and Economic	Available
110	Harar	Terminalia chebula	Wild	Social and Economic	Available
111	Giloe	Tinospora sinensis	Wild	Social and Economic	Available
112	Tunu	Toona ciliata	Wild	Social and Economic	Available
113	Jiyo	Trema orientalis	Wild	Social and Economic	Available
114	Pakhra	Tribulus terrestris	Wild	Social and Economic	Available
115	Kayalu	Tulipa clusiana	Wild	Social and Economic	Available
116	Bachita	Urena lobata	Wild	Social and Economic	Available
117	Bana	Vitex negundo	Wild	Social and Economic	Available
118	Pansar	Wendlandia exserta	Wild	Social and Economic	Available
119	Dhain	Woodfordia floribunda	Wild	Social and Economic	Available
120	Dhain	Woodfordia fruticosa	Wild	Social and Economic	Available
121	Dudhi	Wrightia arborea	Wild	Social and Economic	Available
122	Jojera	Xanthium strumarium	Wild	Social and Economic	Available
123	Timbru	Zanthoxylum armatum	Wild	Social and Economic	Available
124	Ber	Ziziphus jujuba	Wild	Social and Economic	Available

Format 20: Aquatic Biodiversity

1	2	3	4	5		6		8	9	10
					Loca	l Status				
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Community/ Knowledge
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	Vertebrat	Animal		Stream	Available	Available	NA	NA	NA	Self observed
Frog	Anura	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

Format 21: Wild Aquatic Plant Specieis of Importance

1	2	3	4	5	6
SI. 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,				Landscape	Local	Status				Others details	Community/
Shrub, tree)	Local name	Scientific Name	Variety	/Habitat	Past	Present	Associated TK	Uses(usage)	Part used	market/own use	Knowledge 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	

Format 23 Wild Relative of Crops

1	2	3	4		5	6	7	8	9	10
				Loca	l Status					Community/
Local name	Scientific Name Variety Landscape /Habitat Past Present Associated		Associated TK	Uses(usage)	Part used	Others details market/own use	Knowledge Holder			
Panjfulli			Sub-troplical	Available	Available	Medical	leaves			
Congress Jadi	Parthenium hysterophorus		Sub-troplical	Available	Available	Medical	leaves			
Chaleri Saag	Amaranthus viridis	Saag	Sub-troplical	Available	Available	Edible	Leaves	Unknown	unknown	Self addressed
Jangli Pudina	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

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		Sub tropical	Non-commercial		Unavailable	Self observed

Raat Ki Rani	Cestrum nocturnum	Sub tropical	Non-commercial	Unavailable	Self observed
Sukh Chain	Pongamia Pinata	Sub tropical	Non-commercial	Unavailable	Self observed
Panjtara	Tara spinosa	Sub tropical	Non-commercial	Unavailable	Self observed

Format 25: Fumigate/ Chewing Plants.

1	2	3	4	5		6	7	8	9	10	11
					Local	Status					
Plant (Herb, Shrub, Tree)	Local name	Scientific Name	Variety	Habitat	6	Present	Uses(Usage)	Part used	Associated TK	Others details(mode of use)	Community 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	self observed
Shurb	Brahmi buti	Centella asiatica	Tree	Sub Tropical	Available	Available	Medical	Leaves, Flowers	Medical	NA	self observed
	Trimbru	Tectona grandis		Sub Tropical	Available	Available					self observed

Tulsi	Ocimum tenuiflorum	Sub Tropical	Available	Available			self observed
Pudina	Mentha	Sub Tropical	Available	Available			self observed
Brankdu		Sub Tropical	Available	Available			self observed
Philal		Sub Tropical	Available	Available			self observed

Format 26: Timber Plants

1	2	3	4	5		6	7	8	9	10	11
					Local	Status				Others	
Plant (Herb, Shrub, Tree)	Local name	Scientific Name	Variety	Habitat	6	Present	Uses(Usage)	Part used	Associated TK	details(mode of use)	Community Knowledge Holder
Plant	Bheda	Terminalia bellirica									
	Cambel	Lannea coromandelica									
	Dhaman	Grewia optiva									
	Drankh	Melia azedarach									
	Kakad-Singh	Pistacia khinjuk									
	Karal	Bauhinia variegata									
	Khair	Acacia catechu									
	Kiker	Vachellia nilotica									
	Mango	Mangifera indica									
	Ola	Albizia chinensis									
	Retha	Sapindus mukorossi									

	Safeda	Eucalyptus					
Plant	Sree	Albizia lebbeck					
	Simbal	Bombax ceiba					
Plant	Talli	Dalbergia sissoo					
	Trimbal	Ficus auriculata					
	Tuni	Toona ciliata					
Plant	Arjun	Terminalia arjuna					
	Chir	Pinus roxiburgii					
	Toot	Morus alba					

Format 27 A: Coastal and Marine Flora

1	2	3	4		5	6	7	8	9	10	
				Loc	al Status	Parts Collected	Commercial Uses			Community/ Knowledge	
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Community/ Knowledge Holder	

	Format 27 B: Coastal and Marine Fauna:NIL										
1	2	3	4		5	6	7	8	9	10	
				Loc	eal Status						
Animal Type	Local Name	Scientific Name	Habitat	Past	Present	Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder	

Format 28:Wild Animals(Mammals, Birds, reptiles, Amphibia, Insects, Others)

1	2	3	4	6		7	8	9	10	11	12
					Lo	cal Status					
Animal Type	Local name	Scientific Name	Habitat	Season when seen	Past	Present	Uses(if any)	Associated TK	Mode of Hunting, Collecting(if any)	Others details	Community 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	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed
Mammals	Rabbit	Oryctolagus cuniculus	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed
Mammals	Pig	Sus scrofa domesticus	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nill	self observed
	Saay				available	available	Unknown	Unknown	Unknown	Nill	self observed

Format 29: FLORA URBAN BIODIVERSITY

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

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

Format 30: Fauna

Local Name	Scientific Name	T (A 1 1 (A) 1 (B) 1 (B) 1 (A)		
		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								