

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti Hutt

taluk/The: Basohli Bhoond

District: KATHUA

State: JAMMU AND KASHMIR

Geographical Area of the Panchayat Samiti: 3200 Ha approx

Population under the Panchayat Samiti: Total 3500 approx

Male:1925 Female: 1575

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns).

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: Surinder Singh
Age:45 yrs
Gender:Male
Address: Ward No 3 Hutt
Area of specialization: Sarpanch of the village (ESM)
2) Name: Ashok Kumar
Age:27 yrs
Gender:Male
Address:Ward No. 3 Hutt
Area of specialization: Shopkeeper, Farmer
3)Name: Sanjay kumar (Sc)
Age:27 yrs
Gender:Male
Address:Hutt
Area of specialization: Farmer
4)Name:Pushap Raj Mobile No:9816754970
Age:47
Gender:Male
Address:Hutt
Area of specialization:Farmer
5)Name:Munish Kumar
Age:31
Gender:Male
Address:Hutt
Area of specialization:Farmer
6)Name:Sardara Begum (ST)
Age:35 Yrs
Gender:Female
Address:Ward No 7 Hutt
Area of specialization:Housewife, Farmer
7)Name:Tripti Devi (SC)
Age:37 yrs
Gender:Female
Address:Ward No 3 Hutt
Area of specialization:Housewife, Farmer

Annexure-2	
List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village	
1) Name: Sadhu Ram	
Age:56	
Gender:Male	
Address: hutt	
Area of specialization:Herb knowledge, Farmer	
Location from which the person accesses biological material: Forest	
Perception of the practitioner on the resource status:	
Medicinal Use: For Snake Bite	
2) Name: Bandana Bala	Mobile No: 9816750739
Age:36 yrs	
Gender:Female	
Address:Mashka (Hutt)	
Area of specialization:Herb knowledge	
Location from which the person accesses biological material: Agriculture Land, Forest	
Perception of the practitioner on the resource status:	
Medicinal Use:Piles, Jaundice	
3) Name:	
Age:	
Gender:Male	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	

Annexure 3

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

1) Name of the Chairperson: Surinder Singh

Age:Male

Gender:5 yrs

Address:Ward No 3 Hutt

Area of specialization:Agriculture Knowledge Seed Sowing

2) Name of the Chairperson: Pushap Raj

Age:47

Gender:Male

Address:Hutt

Area of specialization:Forestry

3) Name of the Chairperson: Dev Raj

Mobile No:8628056819

Age:48 yrs

Gender:Male

Address:Hutt

Area of specialization:Fishery

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

Annexure 4

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

1) Contact Person:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

You may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5**Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing**

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

End of Part I

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape/ Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	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.	
	<i>Oryza sativa</i>	Dhan, Munji	IR-8	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	Jaya	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	

Wheat	<i>Triticum aestivum</i>	Kanak	HD-2967	150-155 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Raj -3077	135-140 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Raj-3765	125-130 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Sonalika	150-155 cm		Abundant	Rare	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Maize	<i>Zea mays</i>	Makk, kukri, challi, Buhhta, 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.	
	<i>Zea mays</i>	Makk, kukri, challi, Buhhta, 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	<i>Seasamum indicum</i>	til	Punjab til -1	White seed Variety . Matures in 80-85 days . Plant hight 1.3-1.6 mtr.		Abundant	Abundant	High yeilding Varity	June- Oct	Oil,		Suitable of Plain & Mid Hills	Agri. Deptt.	
Pulses (Mash)	Vigna mungo	Maa/ Mash	T-9	Matures in 85-90 days. Suitable for plain & Mid hills		Abundant	Abundant	High yeilding Varity	June- Aug	Food	hight Protein contents	Suitable of Plain & Mid Hills	Agri. Deptt.	
Okra	<i>Abelmoschus esculentus Moench</i>	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	<i>Solanum lycopersicum</i>	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	<i>Brassica oleracea</i>	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.	
Potato	<i>Solanum tuberosum</i>	Aloo		Cool & moist climate		Abundant	Abundant			As vegetable	Rich in starch		Agri. Deptt.	
Cabbage	<i>Brassica oleracea var. capitata</i>	Gobi		Cool & moist climate		Abundant	Abundant			As vegetable pickles.			Agri. Deptt.	

FORMAT 2 : FRUIT PLANTS AGRO BIODIVERSITY

PLANT	SCIENTIFIC NAME	LOCAL NAME	VARIETY	LANDSCAPE HABITAT	LOCAL STATUS		SOURCE SEEDS/PLANTS	SEASON OF FRUITING	ASSOCIATED TKOTHER DETAILS MARKET/OWN	COMMUNITY KNOWLEDGE HOLDER
					PAST	PRESENT				
PAPAYA	<i>Carica papaya</i>	PAPITA	DESI, UNBUDDED	AGRI. LAND	AVAILABLE	AVAILABLE	SEEDS/PLANTS	ALL SEASONS	OWN USES	
MANDARIN	<i>Citrus reticulata</i>	SANTRA	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-SEPT	OWN USES	
GRAPES	<i>Vitis vinifera</i>	ANGOOR	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	JUNE-SEPT	OWN USES	
ANOLA	<i>Phyllanthus emblica</i>	AMLA	DESI, UNBUDDED	AGRI. LAND	RARE	AVAILABLE	PLANTS	OCT-DEC	OWN USES	
SWEET LIME	<i>Citrus limetoides</i>	METHA	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-MAY	OWN USES	
POMEGRANATE	<i>Punica granatum</i>	ANAAR	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-MAY	OWN USES	
JACK FRUIT	<i>Artocarpus heterophyllus</i>	KATHAL	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MAR-AUG	OWN USES	
MOUSAMBI	<i>Citrus aurantifolia</i>	MOSAMBI	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-SEP	OWN USES	
GUAVA	<i>Psidium guajava</i>	AMBRUD	DESI, UNBUDDED	AGRI. LAND	AVAILABLE	ABUNDANT	SEEDS/PLANTS	AUG- DEC	OWN USES	
LEMON	<i>Citrus aurantifolia</i>	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	<i>Musa paradisiaca</i>	KELA	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	PLANTS	JULY- AUGUST	OWN USES	
JAMUN	<i>Syzygium cumini</i>	JAMUN	DESI, UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH-JULY	OWN USES	
RUBUS	<i>Rubus ellipticus</i>	AKHRA	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	PLANTS	MAY- JUNE	OWN USES	

BAEL	<i>Aegle marmelos</i>	BAEL	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MAR-JUNE	OWN USES	
WILD KHAJOOR	<i>Phoenix sylvestris</i>	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	
PHAGWARI	<i>Fragaria nubicola</i>	PHAGWOORA	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-JUNE	OWN USES	
TOOT	<i>Morus indica</i>	SHAHTOOT	WILD (UNBUDDED)	AGRI. LAND	RARE	AVAILABLE	PLANTS	JULY- AUGUST	OWN USES	
PEACH	<i>Prunis persica</i>	AADO	SELECTION	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH- JUNE	OWN USES	
KARONDA	<i>Carissa carandas</i>	GARNA	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MARCH- AUGUST	OWN USES	
BER	<i>Zizyphus mauritiana</i>	BER	WILD (UNBUDDED)	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	FEB- APRIL	OWN USES	

FORMAT: 3 FODDER CROPS / SPECIES

Plant	Scientific Name	Local name	Landscape / Habitat	Local status		Source of Plant / Seeds	Associate TK	Part Used	Other details	community / Knowledge Holder
				Past	Present					
Sorghum	<i>Sorghum bicolor</i>	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 capacity are best suitable for its cultivation	
Berssem	<i>Trifolium alexandrinum</i>	Beerseen	winter forage.	Plenty	Plenty	Agri. Deptt.	It is reich in Calicum and phophorus	Part used whole plant. Repeated cuts can be taken .	Improves physical condion of soil . It can be grown in all types of soil expect very light sandy soil	
Daman	<i>Grewia optiva</i>		winter forage.	Plenty	Plenty	Agri. Deptt.				
Banj	<i>Quercus leucotrichophora</i>		winter forage.	Plenty	Plenty	Agri. Deptt.				
Karal/ Kachnar	<i>Bauhinia variegata</i>		winter forage.	Plenty	Plenty	Agri. Deptt.				
Kamila	<i>Mallotus philippinensis</i>		Landscape / Habitat	Plenty	Plenty	Wild			Seed/ leaves	
Wheat	<i>Triticum aestivum</i>		Summer forage	Plenty	Plenty					
Charry	<i>Sorghum x drummondii</i>		Summer	Plenty	Plenty					

FORMAT: 4 Weeds

Plant	Scientific Name	Local name	Affected Crop	Impact	Landscape / Habitat	Local 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	<i>Chenopodium sp</i>	Baathu	Wheat	Broad leaf and consumed the nutrients of the plants and reduces the production	Germination in the field after 20 days	Plenty	Plenty	Nil	1.Use of weedicide		Hady and wider adoptability, multiply very fast	
Sitti	<i>Phalaris minor</i>	Sitti, Gehoon ka mama, Gulli Danda	Wheat	Compete with nutritions, light and space with wheat crop and reduces the production Narrow 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	

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	<i>Hieroglyphus niogrorepletum</i>	Tidda , Raja da Gorha ,	Polyphagus	June to Novemeber	1.Destroy eggs by cleaning bunds 2. Spray the bunds with Malathion 5 % D @ 25 Kg / Ha	Both nymphs and Adults feed on the leaves , they devour the young shoots and newly farm ear heads.	Adults are like locust but smaller in size	
Paddy	Rice Hisppa	<i>Dicladispa armigera</i>	Neela tittu	Appeaqr in all varieties of rice	July -Sep	1. 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 feeders.	
Wheat	Field Rats	<i>Bandicota sp.</i> <i>Tatera sp.</i>	Chua, Kees,	Burrow in soil .Rats are found in nearly all areas of Earth which are inhabited by human beings.	through out the year	1. Poison baiting 2. bund trimming to minimize harborage 3. use indigenous traps	Thjey cause have loss to standing wheat crop and harvested crop in stores.	Domestic rats differ from wild rats in many ways. They are calmer and less likely to bite; they can tolerate greater crowding; they breed earlier and produce more offspring; and their brains, livers, kidneys, adrenal glands, and hearts are smaller	
	Termites	<i>Microtermes obesi</i>	seenak, seonk, white ant,	Generally appears at wet places, lives in nests made under ground	through out the year	1. Destroy termitaria in an around field 2. Never use raw FYM 3. For termites control in standing crop, dilute 4l of chlorpyriphos 20EC in 5l of water and mix in 50 kg of sand thoroughjly . Boradcast this treated soil in the infested areas.	These are Social insect that lives under ground in colonies.	The damage plant dry up completely and are easily pulled out	
Maize	Stem borer	<i>Chilo partellus</i>	Lurhi, kidda,	Occurs through out the country	July onward . 15-20 days after Germination	1. apply granular insecticide carbofuran 3G @20 Kg / Ha 2. Uproot the stubbles of previous years crop and burn	It attacks immediately after germination and causes dead hearts in young plants .	The adult is medium sized straw coloured moth . The caterpillar is dirty white in color with short bristly hair on its body	

	Cut Worm	<i>Agrotis ipsilon</i>	Luhri	Occurs throughout 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. Chlorpyrifos 30EC@3ml/of water	Larva cut the seedling at the ground level .	They live in soil during the day and feed at night . The caterpillar are in grey in colour	
cole crops	Cabbage butterfly	<i>Pieris brassicae</i>	Titli	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	1. Release of Trichogramma chilonis @50000 adults/ha per release (6 times)at weekly interval in Mid January 2. Donot spray the crop near harvesting			
Vegetable	Fruit fly	<i>Bactrocera cucurbitae</i>	Titli	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 maggot-shaped. They can be recognized by the stalked posterior spiracles on the last abdominal segment.	
Mice		<i>Mus musculus</i>							

Lizard		<i>Lacertilia</i>							
Monkey		<i>Cercopithecoidea</i>							
Porcupine		<i>Erethizon dorsatum</i>							

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
Gen-2450	Agriculture	Domestication of animal	Land & Forest		Traditional management		OC		Farmers	
SC-25	Agriculture	Domestication of animal	Land & Forest		Traditional management		SC		Farmers	
ST-175	Animal Rearing	Agriculture	Land & Forest		Traditional management		ST		Sheephender	
OBC-350	Agriculture	Animal rearing	Land & Forest		Traditional management		OBC		Farmers	

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 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Stream	-	All Season	Govt.	Water plant	Frog, Fish	Irrigation		Traditional practice				
Bowali		All Season	Private	Water plant	Frog	Drinking		Traditional practice				
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 BIODIVERSITY

1	2	3	4	5	6	7	8	9	10	11	12
PLANT	SCIENTIFIC NAME	LOCAL NAME	VARIETY	LANDSCAPE HABITAT	LOCAL STATUS		SOURCE SEEDS/PLANTS	SEASON OF FRUITING	ASSOCIATED TK	OTHER DETAILS MARKET/OWN USE	COMMUNITY KNOWLEDGE HOLDER
					PAST	PRESENT					
MANGO	<i>Mangifera indica</i>	AAM	DASHERI, AMARPALI, MALIKA	AGRI. LAND	AVAILABLE	ABUNDANT	SEEDS/PLANTS	MARCH-JULY		OWN USES/MKT	
GUAVA	<i>Psidium guajava</i>	AMBRUD	L-49, ALLAHABAD SAFEDA	AGRI. LAND	RARE	AVAILABLE	SEEDS/PLANTS	AUG- DEC		OWN USES/MKT	
LEMON	<i>Citrus aurantifolia</i>	NIMBU	KAGZI, KUMKATH	AGRI. LAND	AVAILABLE	ABUNDANT	SEEDS/PLANTS	NOV- DEC		OWN USES/MKT	
MOUSAMBI	<i>Citrus aurantifolia</i>	MOSAMBI	GRAFTED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-SEP		OWN USES/MKT	
JACK FRUIT	<i>Artocarpus</i>	KATHAL	UNBUDDED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	MAR-AUG		OWN USES/MKT	
SWEET LIME	<i>hetrophyllus</i>	METHA	GRAFTED	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-MAY		OWN USES/MKT	
POMEGRANATE	<i>Citrus limetoides</i>	ANAAR	KANDHARI, GANESH	AGRI. LAND	RARE	RARE	SEEDS/PLANTS	APRIL-MAY		OWN USES/MKT	

PAPAYA	<i>Punica granatum</i>	PAPITA	RED LADY, WASHINGTON	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	ALL SEASONS		OWN USES/MKT	
MANDARIN	<i>Carica papaya</i>	SANTRA	GRAFTED	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	APRIL-SEPT		OWN USES/MKT	
GRAPES	<i>Citrus reticulata</i>	ANGOOR, DAAKH	THOMSON SEEDLESS, PRIETTE	AGRI. LAND	RARE	RARE	SEEDS/ PLANTS	JUNE-SEPT		OWN USES/MKT	
ANOLA	<i>Vitis vinifera</i>	AMLA	NA-7 BANARSI	AGRI. LAND	RARE	RARE	PLANTS	AUG-NOV		OWN USES/MKT	

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Tree	Karal	<i>Bauhinia variegata</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves, seeds	Used as medicine	Flower used as medicine and vegetable	
Tree	Aaran	<i>Prunus Persica</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Amla	<i>Phyllanthus emblica</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Baadh	<i>Ficus religiosa</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Bair	<i>Ziziphus xylocarpa</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Bheda	<i>Terminalia bellerica</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Bill-Patre	<i>Angle mermelos</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Cambel	<i>Lannea coromandelica</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Charmood	<i>Ehretia laevis</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Chilla	<i>Casearia tomentosa</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Chir	<i>Pinus rouxburghii</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Drankh	<i>Melia azedarach</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Fakwara	<i>Ficus palmata</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Aaran	<i>Prunus Persica</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Tree	Amla	<i>Phyllanthus emblica</i>	Tree	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
Herb	Brahmi	<i>Centella asiatica</i>	Herb	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
shrub	Garna	<i>Carissa spinarum</i>	Shrub	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
shrub	Drenkeri	<i>Murraya koenigii</i>	Shrub	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	
shrub	Branker	<i>Adzatoda vesica</i>	Shrub	Sub-Tropical	Seed	Available	Available	Own use	Leaves	Used as medicine	Used as medicine	

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

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Ornamental	Kachnar	<i>Bauhinia variegata</i>		Nurseries/ Forest	Non-Commerical	Ornamental/ Lanscaping	Used for Dysentry	Pink flowers	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Nerium	<i>Nerium oleander</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Epoplepsy, cancer	Avenue plantation	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Saru	<i>Thja orientalis</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Respiratory tract infections	Foliage Bush	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Kaner	<i>Thevetia peruviana</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Fevers	Flower most of the year	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Bottle Brush	<i>Callistemmon spp</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Therapeutic uses	Foilage and flowers	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Bogan Bael	<i>Boughanbhallia</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Antidiabetic, antiflammatory	Multicoloured flowers	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Golden Duranta	<i>Duranta repens</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Beneficial in itching, malaria, asthma etc,	Foliage, edging	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Hibiscus	<i>Hibiscus rosinensis</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Used in Contipation	Flower throughout the year	Floriculturist/ Nurserymen/ Gardners
Bushes/ Shrubs	Motia	<i>Jasminum sambac</i>		Nurseries	Non-Commerical	Ornamental/ Lanscaping	Used in Hepatitis, dysentery	Flower throughout the year	Floriculturist/ Nurserymen/ Gardners

Format 14: Timber Plants / Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home- garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Tree	Shisham	<i>Dalbergia sissoo</i>	Sub Tropical	Available	Available	Wild/Garden	Furniture	Wood used for furniture	Unknown	
Tree	Kimu	<i>Morus serrata</i>	Sub Tropical	Available	Less	Wild/Garden	Furniture	Wood used for furniture	Unknown	
Tree	Tuni	<i>Cedrela toona</i>	Sub Tropical	Available	Available	Wild/Garden	Furniture	Wood used for furniture	Unknown	
Tree	Sagwan	<i>Tectona grandis</i>	Sub Tropical	Available	Available	Wild/Garden	Furniture	Wood used for making agriculture equipments	Unknown	
Tree	Dhaman	<i>Grevia Optiva</i>	Sub Tropical	Available	Available	Wild	Agriculture	Wood used for making agriculture equipments	Unknown	
Tree	Safeda	<i>Eucalyptus Spp.</i>	Sub Tropical	Available	Available	Wild	Furniture	Wood used for furniture	Unknown	
Tree	Khair	<i>Acacia catechu</i>	Sub Tropical	Available	Available	Wild	Agriculture	Wood used for making agriculture equipments	Unknown	
Tree	Kikar	<i>Acacia nilotica</i>	Sub Tropical	Available	Available	Wild	Agriculture	Wood used for making agriculture equipments	Unknown	
Tree	Simbal	<i>Bombax ceiba</i>	Sub Tropical	Available	Available	Wild	Furniture	Wood used for furniture	Unknown	
Tree	Jamun	<i>Syzygium cumini</i>	Sub Tropical	Available	Available	Wild	Furniture	Wood used for furniture	Unknown	
Tree	Safed siris	<i>Albizzia procera</i>	Sub Tropical	Available	Available	Wild	Agriculture	Wood used for furniture	Unknown	

Uses include milk, meat, skin, fur and etc

12
Community Know. Holders
Self observed
Self observed
Self observed
Self observed
Self observed
Self observed
Self observed
Self observed
Self observed

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

Tree	Kamla	<i>Mallotus philippensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Khair	<i>Acacia catechu</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Kodh	<i>Aloe barbadensis</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Lucenia	<i>Leucaena spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Pansara	<i>Wendlandia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves and Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Reetha	<i>Sapindus mukorossi</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits and Wood	Used for Diabetes	Medicinal use	Self observed
Shrubs	Santa	<i>Dodonaea viscosa</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Sarri	<i>Albezzia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Talli	<i>Dalbergia sisso</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Thub / Dudhruk	<i>Erythrina spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Balugar	<i>Bauhinia vahlii</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed

Tree	Chuindi	<i>Xylosma longifolium</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Doss/sanan	<i>Colebrookea oppositifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Khini	<i>Ficus semicordata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Kral	<i>Bauhinia variegata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Flowers	Used for Diabetes	Medicinal use	Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Behra	<i>Terminalia bellirica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Bilan	<i>Aegle marmelos</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Used for Diabetes	Medicinal use	Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Oami	<i>Lyonia ovalifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Rumble	<i>Ficus racemosa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/ Wood	Unknown	Medicinal use	Self observed
Tree	Draink	<i>Melia azedarach</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Unknown	Medicinal use	Self observed

Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	Plakh	<i>Ficus virens</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves/Wood	Unknown	Medicinal use	Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	chamar sama	<i>Holoptelea integrifolia</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	lasura	<i>Cordia myxa</i>	Tree	Sub - Tropical	Available	Available	Own Use	Fruits/Wood	Unknown	Medicinal use	Self observed
Tree	kassod	<i>Senna siamea</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub - Tropical	Available	Available	Own Use	Wood	Unknown	Medicinal use	Self observed
Shrubs	BRANKED	<i>Justicia adhatoda</i>	Shrubs	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed
Tree	KHAR	<i>Saccharum bengalense</i>	Tree	Sub - Tropical	Available	Available	Own Use	Leaves	Unknown	Medicinal use	Self observed

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
1	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
2	Exotic acacia	<i>Acacia farnesiana</i>	Wild	Social and Economic	Available
3	Kikar	<i>Acacia nilotica</i>	Wild	Social and Economic	Available
4	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
5	Bel	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
6	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
7	Ramban	<i>Agave americana</i>	Wild	Social and Economic	Available
8	Kala Siris	<i>Albizia lebbek</i>	Wild	Social and Economic	Available
9	Kramblu	<i>Albizia odoratissima</i>	Wild	Social and Economic	Available
10	Safed siris	<i>Albizzia procera</i>	Wild	Social and Economic	Available
11	Kuad Gandal	<i>Aloe barbadensis</i>	Wild	Social and Economic	Available
12	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available

13	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
14	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
15	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
16	Bamboo	<i>Bambusa bambos</i>	Wild	Social and Economic	Available
17	Bamboo	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
18	Kachnar	<i>Bauhinia purpurea</i>	Wild	Social and Economic	Available
19	Kachnar	<i>Bauhinia variegata</i>	Wild	Social and Economic	Available
20	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
21	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
22	Plaah	<i>Butea monosperma</i>	Wild	Social and Economic	Available
23	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
24	Chilla	<i>Casearia tomentosa</i>	Wild	Social and Economic	Available
25	Krangal	<i>Cassia fistula</i>	Wild	Social and Economic	Available
26	Brahmi buti	<i>Centella asiatica</i>	Wild	Social and Economic	Available
27	Sanali or Dussa	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available
28	Barna	<i>Crateva religiosa</i>	Wild	Social and Economic	Available

29	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
30	Deela	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
31	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
32	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
33	Baans	<i>Dendrocalamus strictus</i>	Wild	Social and Economic	Available
34	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
35	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
36	Duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available
37	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
38	Chamror	<i>Ehretia laevis</i>	Wild	Social and Economic	Available
39	Safeda	<i>Eucalyptus camaldulensis</i>	Wild	Social and Economic	Available
40	Hybrid safeda	<i>Eucalyptus tereticornis</i>	Wild	Social and Economic	Available
41	Bubbeain	<i>Eulaliopsis binata</i>	Wild	Social and Economic	Available
42	Thor	<i>Euphorbia royleana</i>	Wild	Social and Economic	Available
43	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
44	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available

45	Fagora	<i>Ficus palmata</i>	Wild	Social and Economic	Available
46	Rumble	<i>Ficus racemosa</i>	Wild	Social and Economic	Available
47	Badh or Pipal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
48	Kakoa	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
49	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
50	Lamb grass	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
51	Aakh	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
52	Kharpoway	<i>Ipomoea purpurea</i>	Wild	Social and Economic	Available
53	Chameli	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
54	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
55	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
56	Kemal	<i>Lanea coromandelica</i>	Wild	Social and Economic	Available
57	Panjphuli	<i>Lantana camara</i>	Wild	Social and Economic	Available
58	Mithu grass	<i>Lathyrus sativus</i>	Wild	Social and Economic	Available
59	Kamila	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
60	Baryar	<i>Malvastrum coromandelianum</i>	Wild	Social and Economic	Available

61	Aam	<i>Mangifera indica</i>	Wild	Social and Economic	Available
62	Drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
63	Kaam	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
64	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
65	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
66	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
67	Kua	<i>Olea europaea</i> subsp.	Wild	Social and Economic	Available
68		<i>cuspidata</i>	Wild	Social and Economic	Available
69	Chhitter	<i>Opuntia elatior</i>	Wild	Social and Economic	Available
70	Tetar	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
71	Congress Grass or Jari	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
72	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
73	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
74	Khajoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
75	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
76	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available

77	Daduni	<i>Punica granatum</i>	Wild	Social and Economic	Available
78	Jojra	<i>Pupalia lappacea</i>	Wild	Social and Economic	Available
79	Basant panchami	<i>Reinwardtia indica</i>	Wild	Social and Economic	Available
80	Arnid	<i>Ricinus communis</i>	Wild	Social and Economic	Available
81	Junglee Palak	<i>Rumex hastatus</i>	Wild	Social and Economic	Available
82	Khar	<i>Saccharum bengalense</i>	Wild	Social and Economic	Available
83	Kai	<i>Saccharum spontaneum</i>	Wild	Social and Economic	Available
84	Reetha	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available
85	Bari kasondi	<i>Senna occidentalis</i>	Wild	Social and Economic	Available
86	Kassod	<i>Senna siamea</i>	Wild	Social and Economic	Available
87	Cassia	<i>Senna sulfurea</i>	Wild	Social and Economic	Available
88	Panwar	<i>Senna tora</i>	Wild	Social and Economic	Available
89	Kezun grass	<i>Setaria sphacelata</i>	Wild	Social and Economic	Available
90	Kayan Kothi	<i>Solanum americanum</i>	Wild	Social and Economic	Available
91	Ban tamakoo	<i>Solanum erianthum</i>	Wild	Social and Economic	Available
92	Jamun	<i>Syzygium cumini</i>	Wild	Social and Economic	Available

93	Imli	<i>Tamarindus indica</i>	Wild	Social and Economic	Available
94	Phul dudi	<i>Tarxacum campylodes</i>	Wild	Social and Economic	Available
95	Arjun	<i>Terminalia arjuna</i>	Wild	Social and Economic	Available
96	Bahera	<i>Terminalia bellirica</i>	Wild	Social and Economic	Available
97	Harar	<i>Terminalia chebula</i>	Wild	Social and Economic	Available
98	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
99	Tunu	<i>Toona ciliata</i>	Wild	Social and Economic	Available
100	Jiyo	<i>Trema orientalis</i>	Wild	Social and Economic	Available
101	Pakhra	<i>Tribulus terrestris</i>	Wild	Social and Economic	Available
102	Kayalu	<i>Tulipa clusiana</i>	Wild	Social and Economic	Available
103	Bachita	<i>Urena lobata</i>	Wild	Social and Economic	Available
104	Bana	<i>Vitex negundo</i>	Wild	Social and Economic	Available
105	Pansar	<i>Wendlandia exserta</i>	Wild	Social and Economic	Available
106	Dhain	<i>Woodfordia floribunda</i>	Wild	Social and Economic	Available
107	Dhain	<i>Woodfordia fruticosa</i>	Wild	Social and Economic	Available
108	Dudhi	<i>Wrightia arborea</i>	Wild	Social and Economic	Available

109	Jojera	<i>Xanthium strumarium</i>	Wild	Social and Economic	Available
110	Timbru	<i>Zanthoxylum armatum</i>	Wild	Social and Economic	Available
111	Ber	<i>Ziziphus jujuba</i>	Wild	Social and Economic	Available

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No	Local Name	Scientific Name	Variety	Importance	Trends
1	Aak	<i>Calotropis gogantea</i>	local	None	unknown
2	Hydrilla	<i>Hydrilla verticillata</i>	local	None	unknown

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, tree)	Local name	Scientific Name	Variety	Landscape /Habitat	Local Status		Associated TK	Uses(usage)	Part used	Others details market/own use	Community/ Knowledge Holder
					Past	Present					
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Simbal	<i>Bombax ceiba</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Garna	<i>Carissa spinarum</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Rumble	<i>Ficus racemosa</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Toot	<i>Morus alba</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	

Tree	Khajoor	<i>Phoenix sylvestris</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Reetha	<i>Sapindus mukorossi</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	
Climber	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-tropical	Available	Available	Medical Use	Medical Use	Leaves Flowers	NA	

Format 23 Wild Relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local name	Scientific Name	Variety	Landscape /Habitat	Local Status		Associated TK	Uses(usage)	Part used	Others details market/own use	Community/ Knowledge Holder
				Past	Present					
Panjfulli			Sub-tropical	Available	Available	Medical	leaves			
Congress Jadi	<i>Parthenium hysterophorus</i>		Sub-tropical	Available	Available	Medical	leaves			
Chaleri Saag	<i>Amaranthus viridis</i>	Saag	Sub-tropical	Available	Available	Edible	Leaves	Unknown	unknown	Self addressed
Jangli Putna	<i>Mentha arvensis</i>	Putna	Sub-tropical	Available	Available	To cure stomach ache	Leaves	Unknown	unknown	self adressed
Jangli Palak	<i>Rumex dentatus</i>	Palak	Sub-tropical	Available	Available	Edible	Leaves	Unknown	unknown	Self addressed

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	<i>Casia fistula</i>	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
Gandera	<i>Nerium oleander</i>	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
Badah	<i>Salix alba</i>	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
karal	<i>Bauhinia variegata</i>	Tree	Sub Tropical	Non-Commercial	N.A	N.A	Self observed
Tulsi	<i>Ocimum tenuiflorum</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Cactus	<i>Cactaceae</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Aloevera	<i>Aloe barbadensis miller</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Ashoka	<i>Saraca asoca</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed
Bottle brush	<i>Callistemon Lanceolatus</i>	Local	Sub tropical	Non-commercial	Garden	Unavailable	Self observed

Format 25: Fumigate/ Chewing Plants.

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

Format 26: Timber Plants

1	2	3	4	5	6		7	8	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					
	Bheda	<i>Terminalia bellirica</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Bill-Patre	<i>Angle mermelos</i>		Lower shiwalik	Rare	Rare	Own	Posses Medicinal	Nil		Generally, held by community
	Cambel	<i>Lannea coromandelica</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Cheundi	<i>Xylosma coromandelica</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Dhaman	<i>Grewia optiva</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Drankh	<i>Melia azedarach</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Harad	<i>Terminalia chebula</i>		Lower shiwalik	Rare	Rare	Own	Good For digestion	Nil		Generally, held by community
	Jamun	<i>Syzygium cumini</i>		Lower shiwalik	Abundant	Abundant	Own	maintins Sugar level	Nil		Generally, held by community
	Kainth	<i>Pyrus paschia</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Kakad-Singh	<i>Pistacia khinjuk</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Kamla	<i>Malotus philippensis</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Karal	<i>Bauhinia variegata</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Khair	<i>Acacia catechu</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community

	Kikar	<i>Acacia nilotica</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Lusada	<i>Cordia dichotoma</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Mango	<i>Mangifera indica</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Ola	<i>Albizia chinensis</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Prag	<i>Alnus nitida</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Retha	<i>Sapindus mukorossi</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Safeda	<i>Eucalyptus</i>		Lower shiwalik	Rare	Rare	Commercail	Nil	Nil		Generally, held by community
	Sree	<i>Albizia lebbek</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Simbal	<i>Bombax ceiba</i>		Lower shiwalik	Abundant	Abundant	Commercail	Nil	Nil		Generally, held by community
	Talli	<i>Dalbergia sissoo</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Toot	<i>Morus alba</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Trimbal	<i>Ficus auriculata</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Tuni	<i>Toona ciliata</i>		Lower shiwalik	Abundant	Abundant	Own	Nil	Nil		Generally, held by community
	Popular	<i>Populus ciliata</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
	Arjun	<i>Terminalia arjuna</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community

	Chuntar	<i>Bischofia jaanica</i>		Lower shiwalik	Rare	Rare	Own	Nil	Nil		Generally, held by community
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Format 28: Wild Animals(Mammals, Birds, reptiles, Amphibia, Insects, Others)

1	2	3	4	6	7		8	9	10	11	12
Animal Type	Local name	Scientific Name	Habitat	Season when seen	Local Status		Uses(if any)	Associated TK	Mode of Hunting, Collecting(if any)	Others details	Community Knowledge Holder
					Past	Present					
Mammals	Jungali Billi	<i>Felis chaus</i>	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Mongoose	<i>Herpsters aurpunctatus</i>	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Indian Fox	<i>Vulpes bengalensis</i>	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Field Mouse	<i>Mus boodnga</i>	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Indian Porcupine (sahi)	<i>Hustrix indica</i>	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Reptiles	Snake	<i>Serpentes</i>	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Squirrel	<i>Sciuridae</i>	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Wild boar	<i>Sus scrofa</i>	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed
Mammals	Porcupine	<i>Erethizon deosatun</i>	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Nil	self observed

Mammals	Fox	<i>Vulpes vulpes</i>	Jungle	All seasons	available	available	Unknown	Unknown	Unknown	Null	self observed
Birds	Jungle fowl	<i>Gallus</i>	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Null	self observed
Amphibian	Frog	<i>Anura</i>	jungle	Monsoon	available	available	Unknown	Unknown	Unknown	Null	self observed
Birds	Grey francolin	<i>Francolinus pondicerianus</i>	jungle	All seasons	available	available	Unknown	Unknown	Unknown	Null	self observed

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

End of Part II