

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : Matlote

Taluk:Thuroo

District : Reasi

State: J&K UT

Geographical Area of the Panchayat Samiti: 3200 Hac.

Population under the Panchayat Samiti: Total: 3200

Male:- 1720

Female: 1480

Habitat and Topography: Hilly Area

Climate (Rainfall, Temperature and weather patterns) : High rainfall, and Moderate to cold temperature

Land Use (Nine fold classification available with village records): Mainly agriculture and dairy farming

Date, Month and Year of PBR Preparation: 13-03-2021

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

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: Ram Lal S/o Sabay Ram

Age: 47

Gender: Male

Address: Matlote

Area of specialization:

2) Name: Sony Devi

Age: 36

Gender: Female

Address: Matlote

Area of specialization:

3)Name: Saleem Akhter S/o Abdul Rashid

Age: 27

Gender: Female

Address: Matlote

Area of specialization:

4) Name: Qasim Ali S/o Sedu

Age: 48

Gender: Male

Address: Matlote

Area of specialization:

5) Name:Baldev Singh S/o Sher Das

Age: 47

Gender: Male

Address: Matlote

Area of specialization:

6) Name: Bashir Ahmed S/o Abdullah

Age: 67

Gender: Male

Address: Matlote

Area of specialization:

7) Name: Mohd. Farooq S/o Abdul Aziz

Age: 35

Gender: Male

Address: Matlote

Area of specialization:

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: Rajo Devi W/o Chandey Ram

Age: 58

Gender: Female

Address: Matlote

Area of specialization: Fever, Pains etc.

Location from which the person accesses biological material: Local and Nearby Ayurvedic store

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3)Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

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

1) **Name:** Mansa Ram S/o Kanahiya

Age: 60

Gender: Male

Address: Matlote

Area of specialization: Fisheries

2) **Name:** Rahul Mengi

Age: 36

Gender: Male

Address: Matlote

Area of specialization: Agriculture

3) **Name:** Mohd. Farid S/o Abdul Aziz

Age: 50

Gender: Male

Address: Matlote

Area of specialization: Forestry (Forest Guard)

4) **Name:** Mohd. Shafi S/o Mohd. Ahda

Age: 50

Gender: Male

Address: Matlote

Area of specialization: Forestry (Forest Guard)

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

1) Contact Person: Wali Mohd. (Headmaster)

Name and Address: High School, Matlote

2) Contact Person: Narain Singh (Sarpanch)

Name and Address: Matlote (9596832247)

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
1	Horticulture Deptt.	Citrus and mango plants along with some medicinal plants	Resolution no. 34 Dt: 26/11/19	Rupees 5 per Plant	Through panchayats, on basis of number of members per family

Part II
PBR – Formats
AGROBIODIVERSITY
Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13
S.No	Crop	Scientific Name	Local Name	Description of the variety	Landscape / Habitat	Local status		Special features	Uses	Associated TK	Other details	Cropping Season	Source of Seeds / Plants
						Past	Present						
1	Rice	<i>Oryza sativa</i>	Dhan/ Munji	B-370(Fine & Long duration)	Planes / Low laying Areas	Normal	Normal	Basmati 370 is world wise known for its aroma	Food & Fodder	Provides energy fragrance and taste	-	Kharif (May to October)	Farmers / Department/ Private Suppliers
				Basmati 1121/(Coarse K39 K434 Rattana & Long duration)		Normal	Normal	Medium tall Coarse Grains					
2	Maize	<i>Zea mays</i>	Maka	Dekalb double	Sub tropical / Upland	Rare	Plenty	Tall, high yielding with yellow in colour)	Food & Fodder	Provides energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers
				K-517		Plenty	Rare	Average tall with yellow in colour					
				Ujala		Normal	Plenty						
				K-612		Plenty	Normal						

				Pro Agro-4794		Plenty	Normal	Tall, high yielding with yellow in colour)					
3	Moong	<i>Vigna radiata</i>	Moong	PDM-54	Hot / Humid of Sub tropical region	Normal	Rare	Medium	Food	Source of Vegetable Protein	Also suitable for green Manuring	Summer/ Kharif	Farmers / Department/ Private Suppliers
				SML-668		Normal	Plenty	High yielding Variety					
				IPM-0203		Normal	Rare	Excessive vegetative growth					
4	Mash	<i>Vigna mungo</i>	Mhaa	PU-19	Warm / Humid of Sub tropical region	Normal	Normal	High yielding Variety	Food	Source of Vegetable Protein	-	Summer/ Kharif	Farmers / Department/ Private Suppliers
				Utra		Normal	Normal						
5	Bajra	<i>Pennisetum americanum</i>	Bajra	Local Variety	Warm / Humid climate under Sandy loam Soil	Normal	Normal	Tall & low Yielding variety	Food & Fodder	Source of Energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers
				MHB-110		Normal	Normal						
6	Wheat	<i>Triticum aestivum</i>	Kanak	HD2967,PBW644	Cool Climate during early part of its growth	Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Bread making	Rabi	Farmers / Department/ Private Suppliers

7	Lentil	<i>Lens esculantum</i>	Masar	PL406	Cool & dry	Normal	Normal	High yielding Variety	Food	Source of Protein/Energy	Improve soil fertility	Rabi	Farmers / Department/ Private Suppliers
8	Chick-pea	<i>Cicer arietinum</i>	Chana	GNG-469/C 235	Cool & dry	Normal	Normal	High yielding Variety	Food	Source of Protein/Energy	Improve soil fertility	Rabi	Farmers / Department/ Private Suppliers
9	Peas	<i>Pisum sativum</i>	Matar	Rachna	Cool & dry	Normal	Normal	Early maturing & High yielding	Food	Source of Protein/Energy	Used as Vegetable	Rabi	Farmers / Department/ Private Suppliers
10	Onion	<i>Allium cepa</i>	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas	Abundant	Abundant	Bulbs Cash Crop	Vegetables	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Private Suppliers
11	Mustard	<i>Brassica juncea</i>	Sarson	Pusa Bold/ KOS -1	Cool & dry	Normal	Normal	Matures in 145-150 days with 40-42 % oil content	oil for Food	Source of energy i	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Private Suppliers
12	Gobhi Sarson	<i>Brassica napus</i>	Gobhi Saria	GSL-1,DGS-1,Local	Cool & dry	Normal	Abundant	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy i,calciam,copper,potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Private Suppliers
13	Linseed	<i>Linum usitatissimum</i>	Alsi	LC 54	Cool & dry	Normal	Normal	Medium duration	Food & fiber	Source of energy in the shape of Oil	Medicinal,industrial & domestic use	Rabi	Farmers / Department/ Private Suppliers

14	Potato	<i>Solanum tuberosum</i>	Aalo	Kufri Sindhuri, Kufri Badsha, local	Potato is an herbaceous annual, requires cool weather, mostly rainfed conditions	Abundant	Abundant	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high n energy value	Rabi	Farmers / Department/ Private Suppliers
15	Toria	<i>Brassica j. rape cv. Toria</i>	Toria	RSPT-1, RSPT-2, Local var.	Cool & dry with bright sunshine	Normal	Normal	Short duration Annual Herb	oil for preparation of Food	Source of energy, calcium, copper, potassium	vegetable Oil extracted from seeds used in cooking	Between Kharif & Rabi season	Farmers / Department/ Private Suppliers
16	Sesame	<i>Sesamum indicum</i>	Til	Punjab Til No.1/local	Warm / Humid of Sub tropical region	Normal	Normal	Medium Yielding	Food	Source of Vegetable oil	Religious and medicinal value	June - Oct.	Farmers / Department/ Private Suppliers
17	Sugarcane	<i>Saccharum officinarum</i>	Ganna	COJ-64, COJ-81	Sub Tropical	Rare	Rare	Long duration crop for Nine months	Food	Source of energy in the shape of Gur/Sugar	Sugar cane Juice used as preferred drink for instant source of energy during summer besides beating heat	Spring season	Farmers / Department/ Private Suppliers
18	Chilli	<i>Capsicum spp</i>	Mirchi	Pusa Jawala, CH-1	Tropical/sub tropical vegetable, grows well warm humid conditions	Abundant	Abundant	Pungency and flavor	Used as spice, medicinal value	-	Contains good amount of vitamin A&C	winter season	Farmers / Department/ Private Suppliers
19	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa rubi, Pusa early dwarf, Manisha Plus/local	Warm season crop	Abundant	Abundant	Stems are woody and weak, and tend to vine over other types of plants.	Used as vegetable, salad, soup, Souce	rich source of Ascorbic acid	Tomatoes are also packed with vitamins A and C, calcium, potassium.	Rabi	Farmers / Department/ Private Suppliers
20	Okra	<i>Abelmoschus esculentus</i>	Bindi	Varsha uphar, Arka Anamika	Tropical/sub tropical vegetable Hot and humid climate	Abundant	Abundant	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains dietary fibers, protein and carbohydrates	Summer/ Kharif	Farmers / Department/ Private Suppliers

21	Cucumber	<i>Cucumis sativus</i>	Kheera	Kheera local, JL	Grows in all climatic conditions, Tropical, Sub tropical & temperate	Abundant	Abundant	Limbing annual bearing elongated thick cylindrical fruit	Mainly used as salad	-	It also used as antipyretic and causing cooling effect	Summer/ Kharif	Farmers / Department/ Private Suppliers
22	Bottle gourd	<i>Lagenaria siceraria</i>	Lokki	PSPL/Punjab Long	Summer & rainy season crop	Abundant	Abundant	Vines vigorous, profusely branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/ kharif	Farmers / Department/ Private Suppliers
23	Bitter gourd	<i>Momordica charantia</i>	karela	Pusa Domausmi/Kundan	Warm and Humid climate	Abundant	Abundant	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maintaining low sugar level	Summer/ kharif	Farmers / Department/ Private Suppliers
24	Beans	<i>Phaseolus Spp.</i>	Phaliya	Contender	Cool weather crop/Sandy/loamy soil	Abundant	Abundant	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High value protein, Vitamine B1, B2 < B6 and Manganese	Summer season	Farmers / Department/ Private Suppliers
25	Cauliflower	<i>Brassica oleraceae var. botrytis</i>	Fol gobi	Pusa snow ball, Pusa Katki, local Girja	Both sub tropical & intermediate	Abundant	Abundant	White and tender head, curd formed from shortened flower part	Curd Mainly used as vegetable	-	Also good source of protein, carbohydrate, phosphorus & iron	Rabi	Farmers / Department/ Private Suppliers
26	Cabbage	<i>Brassica oleraceae var. capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	Both sub tropical & intermediate	Abundant	Abundant	Round head with light to dark green colour	Head Mainly used as vegetable, salad	-	Also good source of protein, carbohydrate, phosphorus & iron	Rabi	Farmers / Department/ Private Suppliers
27	Knol khol	<i>Brassica oleraceae var. gongyloides</i>	Kadam	White vienna, Purple vienna	cool & moist climate/sub tropical	Abundant	Abundant	Swollen stem, green/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Private Suppliers
28	Spanich	<i>Spinacea oleracea</i>	Palak	All Green, Delta	Cool season Crop, thrives well on well drained loam soils	Abundant	Abundant	Tender green leaves & root used as Vegetable	Tender green leaves used as leafy Vegetable	-	Vitamins A and C, fiber, folic acid, and other nutrients	Rabi	Farmers / Department/ Private Suppliers

29	Radish	<i>Raphanus sativus</i>	Mulli	Japane White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils	Abundant	Abundant	Tender green leaves & roots used as Vegetable	Modified Roots are used as Vegetabke & Salad	-	Full of vitamin A, C, E, B6, potassium, and other minerals,	Rabi	Farmers / Department/ Privaate Suppliers
30	Carrot	<i>Daucus carota</i>	Gajer	Pusa Kesar,local	Cool & moist climate/ sub tropical& intermedite	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	-	Good source of carotene, , lutein, and zeaxanthin. Vit A,C,B6,Folic acid	Rabi	Farmers / Department/ Privaate Suppliers
31	Turnip	<i>Brassica rapa</i>	Gunglu /Shalgam	PTWG/Local	Cool & moist climate/sub tropical& intermedite	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable ,Salad ..	-	Good source of Vit.C,Diatry Fiber & Potasium	Rabi	Farmers / Department/ Privaate Suppliers
32	Broccoli/ Chinese Cabbage / Capsicum etc.	<i>Brassica oleracea var. italica/ Brassica rapa subsp. Pekinensis/ Capsicum annum</i>		Prevelent Hybrid varieties	Cool & moist climate/sub tropical& intermedite	Rare	Abundant	All Plants Carats and Fruits are eadable Ric Source of antioxidants	Salad and Vegetable		Ric Source of Multivitamins, Minierals and Antioxidents	Rabi	Farmers / Department/ Privaate Suppliers

14
Community / Known. Holder
Farmers
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Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malta	Plains	Plenty	Plenty	Nurseries	Jun-Aug		Fruit, Pickle, Preserves	Marketing, Own Use	
Citrus Fruit	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnoo etc.	Local Selection, Kagzi Lime etc.	Plains, mid hills	Plenty	Plenty	Nurseries	Through Out Year		Fruit, Pickle, Squashes etc	Marketing, Own Use	
Litchi	<i>Litchi chinensis</i>	Litchi	Culcatta, Dehradun	Plains	Plenty	Plenty	Nurseries	Jul - Aug		Fruit	Marketing	
Guava	<i>Psidium guajava</i>	Amrood	Local, L49 etc.	Plains, Lower Hills	Plenty	Plenty	Nurseries	Jul - Aug		Fruit	Marketing, Own Use	
Grapes	<i>Vitis vinifera</i>	Anjoor	Local Dakh, Perlette	Plains, Mid Hills	Rare	Rare	Nurseries	Jul - Aug		Fruit		
Aonla	<i>Phyllanthus emblica</i>	Ambla	Local Selection, NA-7	Plains	Plenty	Plenty	Nurseries, Local Collections	Nov.- Dec		Pickling Preserve etc	Marketing, Own Use	
Ber	<i>Ziziphus mauritiana lamk</i>	Ber	Gola, Varanasi	Plains	Plenty	Plenty	Local	Jul - Aug		Fruit	Own Use	
Jamun	<i>Syzygium cumini</i>	Jamun	Local Selection	Plains	Rare	Rare	Nurseries, Local Raised	Jul - Aug		Fruit	Own Use	

Pomegranate	<i>Punica granatum</i>	Anaar, Druni	Ganesh, Kandhari, Local	Plains, Mid hills	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug		Fruit, Anardana	Own Use	
Pear	<i>Pyrus spp.</i>	Nakh	Pathar Nakh, China Pear	Plains, mid hills	Rare	Rare	Nurseries	Aug - Sep		Fruit	Own Use	
Peach	<i>Prunus persica</i>	Aaroo	July Elberta, Quetta	Plains, mid hills	Rare	Rare	Nurseries	Jun - Jul		Fruit	Marketing, Own Use	
Mulberry	<i>Morus spp.</i>	Shahtoot	Local	Plains, mid hills	Rare	Rare	Locally raised, Wild	Mar - Apr		Fruit	Own Use	
Karonda	<i>Carissa carandas</i>	Garnay	Local	Hills/ Plains	Rare	Rare	Wild, Local	Jun - Aug		Fruit	Marketing, Own Use	
Papaya	<i>Carica papaya</i>	Papita	Local	Plains	Rare	Rare	Nurseries, Locally Raised	Aug - Oct		Fruit	Own Use	

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Clover	<i>Trifolium alexandrium</i>	Barseem	Chhatala	Good	Good	Locally raised, Agriculture depots and deptt.	Annual	Entire Plant	Nutritious & palatable fodder, Source of energy for animals	Abdul Lateef
Cereal	<i>Avena spp.</i>	Oats	Javi	Good	Good	Locally raised, Agriculture depots and deptt.	Annual	Above ground part of plant	Nutritious & palatable fodder,	Abdul Lateef
Cereal	<i>Sorghum spp.</i>	Sorghum	cherri	Good	Good	Locally raised, Agriculture depots and deptt.	Annual	Above ground part of plant	Source of energy	Abdul Lateef
Cereal	<i>Zea mays</i>	Maize	Makki	Good	Good	Locally raised, Agriculture depots and deptt.	Annual	Above ground part of plant	Source of energy	Abdul Lateef
Cereal	<i>Pennisetium americanum</i>	Bajra	Bajra	Good	Good	Locally raised, Agriculture depots and deptt.	Annual	Above ground part of plant	Source of energy	Abdul Lateef
Cereal	<i>Vigna unguiculata</i>	Cowpea	Rongi	Good	Good	Locally raised, Agriculture depots and deptt.	Annual	Above ground part of plant	Kharif Legume with high protein	Abdul Lateef

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic
						Past	Present				
<i>Pig Weed</i>	<i>Amaranthus viridis</i>	Jangli Choulai	Rice, Maize & sugarcane	Agri. Land	Cereal crops &Vegetables	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Also Used as medicinal herb	Rich Source of protein & amino acid
<i>Lamb's quarters</i>	<i>Chenopodium album</i>	Bathua/ Kanah/Wild Spinach	Wheat, Pea, Potato	Agri. Land	Cereal crops &Vegetables	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Annual feed & fermentation of Beverages	Rich Source of protein, Vit. A, Calcium , Phosphorous & potash
<i>Nut Grass</i>	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize,sugarcane,vegetable	Agri. & Non Agri. Land	Cereal crops &Vegetables	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Tradionally used as medicine	Nil
<i>Barnyard Grass</i>	<i>Echinochloa crusgalli</i>	Swank	Paddy	Agri. Land	Cereal crops &Vegetables	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil
<i>Carrot grass</i>	<i>Parthenum hysterophorus</i>	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Agri. Land	Cereal crops &Vegetables	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Nil	Abnoxious weed difficult to manage
<i>Bur Clover</i>	<i>Medicago denticulata</i>	Maina	Wheat Grass Peas	Agri. Land	Cereal crops &Vegetables	Normal	Normal	Fodder,vegetable & green manure	Mechanical, Chemical	Improves Soil fertility	Nil
<i>Canary Grass</i>	<i>Phalaris minor</i>	Sitti/gillidanda	Wheat Grass Peas, mustard	Agri. Land	Cereal crops &Vegetables	Abundant	Abundant	Fodder & forage	Mechanical, Chemical	Nil	Source for High quality protein
<i>Meadow Pea</i>	<i>Lathyrus aphaca</i>	Matri	Wheat Grass Peas, mustard	Agri. Land	Cereal crops &Vegetables	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Nil

<i>Canada Thistle</i>	<i>Cirsium arvense</i>	Leh	Wheat gram, Barley	Agri. & wasteLand	Cereal crops &Vegetables	Normal	Normal	Nil	Mechanical, Chemical	Nil	Nil
<i>Bang</i>	<i>Cannabis indica</i>	Bang	Kharif Crops	Agri. & wasteLand	Cereal crops &Vegetables	Normal	Normal	Nil	Mechanical, Chemical	Nil	Nil
<i>Nilibuti</i>	<i>Ageratum conyzoides</i>	Nilibuti	Rabi Crops	Agri. & wasteLand	Cereal crops &Vegetables	Normal	Normal	Nil	Mechanical, Chemical	Nil	Nil
<i>Dub Grass</i>	<i>Cynodon dactylon</i>	Dub Grass	Rabi/ Kharif	Agri. & wasteLand	Cereal crops &Vegetables	Abudant	Abudant	Fooder	Mechanical, Chemical	Nil	Nil
<i>Wild oats</i>	<i>Avne fatua</i>	Jangli Javi	Oats	Sub Tropical	Cereal crops &Vegetables	Rare	Rare	Fodder	Mechanical, Chemical	Nutrative Fodder for Animals	Nutrative Fodder for Animals
<i>Wild Rice</i>	<i>Echinochloa colonum</i>	Swanki	Paddy	Sub Tropical	Cereal crops &Vegetables	Rare	Rare	Fodder	Mechanical, Chemical	Nutrative Fodder for Animals	Nutrative Fodder for Animals
<i>Jhonson Grass</i>	<i>Sorghum helepense</i>	Beru grass	Sorghum	Sub Tropical	Cereal crops &Vegetables	Rare	Rare	Fodder	Mechanical, Chemical	Nutrative Fodder for Animals	Nutrative Fodder for Animals
<i>wild onion</i>	<i>Allium humaie</i>	Jangli payas	Onion	Temprate/sub tropical	Cereal crops &Vegetables	Rare	Rare	Food and medicine	Mechanical, Chemical	Food	Food

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
1	Mustard aphid	<i>Lipaphis erysimi</i>	aphid	Attacks mustard & other cucurbit crops	Dec-March	Timely sowing of crop & Chemical, Biological & Mechanical	Major threat to oil seed crops of Rabi	Sucking pest	Community Farmers
2	Termite	<i>Microtermis obesi</i>	Telle	Wheat & other crops	Nov-May	Cultural & Chemical measures	Major threat to unirrigated crops	Chewing & biting	Community Farmers
3	Blister beetle	<i>Mylabris spp.</i>	Ghori	Attacks Maize, Bhindi & Pulses	June-Oct	Mechanical & Chemical measures	Insectivorous feed on grasshopper	Chewing & biting	Community Farmers
4	Cereal leaf Beetle	<i>Oulema melanopus</i>	kun	Attacks Maize	Aug-Sep	Chemical measures	Most recent occurrence	Chewing & biting	Community Farmers
5	Red Pumpkin Beetle	<i>Raphidopalpa foveicellis</i>	Lal Kaddu Beetle	Cucurbits	March-Oct	Chemical measures	Most common in fields of Cucurbits	Chewing & biting	Community Farmers
6	Cucurbits fruit fly	<i>Bactrocera cucurbitae</i>	Melon fly	Attacks Pumpkin, cucumber & gourds	Throughout the year	Mechanical & Chemical, Pheronon trap	Danger to all cucumber crops	Chewing & biting	Community Farmers

7	Maize stem Borer	<i>Chilo partellus</i>	Sundi /Tana-shedak	Attacks Maize, sorghum , Bajra & sugarcane	July to sept	Mechanical& Chemical measures	Causes dead hearts in young plants	Chewing & biting	Community Farmers
8	Grasshopper	<i>Hieroglyphus nigropletus</i>	Tidi	Maize, Paddy, Jojr Bajra	July to sept	Mechanical& Chemical measures	Eats leaves	Maize and Paddy	Community Farmers
9	Rice Gandi Bug	<i>Leptocorzia varcornis</i>	Gandi Bug	Paddy at miliking stage	July to Oct.	Mechanical& Chemical measures	Pierce the grains at miliking stage	Paddy	Community Farmers
10	Army worm	<i>Spodoptera Frugiperda</i>	Caterpillar	Defoliaties Major crops	Through the year	Mechanical& Chemical measures	Defoliates all crops	All Crops	Community Farmers
11	Leaf Floder	<i>Cnaphalocrocis meddialis</i>	Ctter Pillers	Attacts on Paddy Leaves	June to Oct.	Mechanical& Chemical measures	Major threats	Feeds on leavs abd stem	Community Farmers
12	Stem Borer	<i>Tryporza incrtules</i>	Tana shedat/ Catter pillers	Crops Plants	June to Oct.	Mechanical& Chemical measures	Major threats	Bores into stem results into dead heart	Community Farmers
13	Cut worm	<i>Agrotis ipsilon</i>	Ludi	Wheat sorguham maize and other	Throughout the year	Mechanical& Chemical measures	Major threats	Cuts stem and leaves	Community Farmers
14	White Fly	<i>Aleyrodidae</i>	Pundi	Sobin Bhindi and all pulses crops	April to Oct.	Chemical measures	Major threats	Suks the shap of plants	Community Farmers

15	Field rats	<i>Ratus meltda</i>	Chouha	Attacks all crops	Throughout the year	Mechanical& Chemical measures	Lives in burrows opening hidden in bushes	Nocturnal in habit	Community Farmers
16	Monkey	<i>Rhesus macaque</i>	Bander	Forest & human habitat	Throughout the year	Traps & chemosterlization	Cause extensive damage to almost all crops,attacks humans	Attacks agriculture crops	Community Farmers

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

THERE IS NO ORGANISED MARKET IN THE MUNICIPALITY FOR ANY OF THE SPECIES OF ANIMALS LISTED IN FORMAT 15 BUT ACCORDING TO LOCALS SALE AND PURCHASE OF DOMESTICATED ANIMALS IS DONE AT LOCAL AND INDIVIDUAL LEVEL

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
Hindu & Muslims	Agriculture/Dairy farming/Govt. & Private jobs	Farming	plane & hilly	Seasonal Fruits and vegetables especially Kainth fruit	nil	Limited to few organic practices at local level	General/ SC/ST	Average	Farmers/Labourers	approx 600

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.

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

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

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

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Plains & Kandi areas			Plains	hilly as well as	Forest land, Private, state lands,	Broad leaved mainly	Domestic animals, wildlife such as porcupine, jackal etc.	Public, as well as pvt, and Govt also	Local conventional management practices	Plantation and agriculture	-	-	Yes
			Hillocks	plain terrain with gentle slope	Forest land, Private, state lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	Public, as well as pvt, and Govt also	Local conventional management practices	Plantation and agriculture	-	-	Yes
Shivalik areas			Hills	Hills with gentle slopes	Forest land, Private, state lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	Public, as well as pvt, and Govt also	Local conventional management practices	Plantation and agriculture	-	-	Yes

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Ponds			State land and Private land	Tali, kamal, Brankad,Bori peepal and Khu Jari etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public	Cleaned by locals	Domestic purposes	Few ponds left	–	Yes
Streams			State land and Private land	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public	Cleaned by locals	Domestic purposes	Waste being dumped in streams	–	Yes
Tube well			State land and Private land			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public	Maintained by PHE Deptt.	Domestic purposes	Limited supply	–	Yes
Dug wells			Private			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public	Cleaned by locals	Domestic purposes	–	–	Yes
Canal			Nil	Nil	Nil	Nil	Nil	Nil	Nil	–	–	–

Hand pumps			Private	Panjphuli Jari, Bana, Aak, Khar grass etc.	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public/Private	Maintained by locals	Domestic purposes	–	–	Yes
Bowlis			Private	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public	Cleaned by locals	Domestic purposes	Present in Large number	–	Yes

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

Format-11: FRUIT TREES

1	2	3	4	5	6	7		8	9	10	11	12	13
S. No.	Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local status		Source of Seeds/ Plants	Season of Fruiting	Uses (usages)	Associated TK	Other details maret/ own use	Community/ knowledge holder
						Past	Present						
1	Woody Tree	Amb	<i>Mangifera indica</i>	Local, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasi.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August	Sucking, table, processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.
2	Woody Tree	Lychee	<i>Litchi chinensis</i>	Dehradun, Calcutti, Seedless, Rose Scented	Sub-tropical	Good	Good	Layered plants.	March to July	Table and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
3	Woody Tree	Amrood	<i>Psidium guajava</i>	Local, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
4	Climber	Angoor	<i>Vitis vinifera</i>	Local, Perlet, Beauty Seedless	Sub-tropical	Good	Good	Cuttings	Feb. To June	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
5	Woody Tree	Amla	<i>Emblica officinalis</i>	Local, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Processing	Record vailable in old books.	Own uses and sold in market	Popular in local population.

6	Woody Tree	Mosammi	<i>Citrus sinensis</i>	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
7	Woody Tree	Sangtra	<i>Citrus reticulata</i>	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
8	Woody Tree	Nimboo	<i>Citrus aurantifolia</i>	Local, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
9	Woody Tree	Galgal	<i>Citrus limon</i>	Local	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
10	Woody Tree	Kimb	<i>Citrus medica</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
11	Woody Tree	Jamiri	<i>Citrus jambhiri</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	Record vailable in old books.	Own uses and sold in market	Popular in local population.
12	Woody Tree	Mithoo	<i>Citrus limettoides</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
13	Woody Tree	Kumquat	<i>Citrus floridana</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Jan..	Processing.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
14	Woody Tree	Narangi	<i>Citrus tangerina</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Ornamental and processing.	Record vailable in old books.	Own uses	Popular in local population.
15	Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Table purposes	Record vailable in old books.	Own uses and sold in market	Popular in local population.

16	Woody Tree	Phowari Ber	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
17	Bush	Phalsa	<i>Grewia subinaequalis</i>	Local	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
18	Woody Tree	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
19	Woody Tree	Anar	<i>Punica granatum</i>	Local, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
20	Woody Tree	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to June	Processing purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
21	Bush	Gerna	<i>Carissa carandas</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
22	Woody Tree	Bill	<i>Aegle marmelos</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
23	Woody Tree	Seb	<i>Malus domestica</i>	Summer apple	Sub-tropical	...	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
24	Woody Tree	Nakh	<i>Pyrus communis</i>	Pathar Nakh	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
25	Woody Tree	Aru	<i>Prunus persica</i>	Local, Sun Red, Florida Sun	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.

26	Woody Tree	Aloocha	<i>Prunus saliciana</i>	Kala Amritsari, Alucha	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
27	Woody Tree	Kainth	<i>Pyrus spp.</i>	Local	Sub-tropical	Good	Good	Plant Runners	Mach to May	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
28	Woody Tree	Shahtoot	<i>Morus alba</i>	Local, China	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes, rearing Silkworms.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
29	Woody Tree	Fig	<i>Ficus carica</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
30	Woody Tree	Dew	<i>Artocarpus lakoocha</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Pickle Purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
31	Woody Tree	Jackfruit	<i>Artocarpus heterophyllus</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Pickle Purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
32	Soft Tree	Papita	<i>Carica papaya</i>	Local Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Table purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.

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					
Holy Basil	Tulsi	<i>Ocimum tenuiflorum</i>	Ram/Sham Tulsi	Domesticated	Seed	Good	Good	Fever, cough and various other ailments	Leaves	N.A	N.A	Generally, held by community
Aloe vera	Kuargandal	<i>Aloe vera</i>	Local	Domesticated	Cutting	Good	Good	Sking & Digestion disorders	Stem	N.A	N.A	Generally, held by community
Herbs	Dudlu	<i>Taraxacum officinale</i>	Local	Temperate area	Root	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Herbs	Tarad	<i>Dioscorea belophylla</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>	Local	Lower shiwalik/Temperat e area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>	Local	Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	brankad	<i>Adhatoda vesica</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Drainkdu	<i>Murraya koenigii</i>	Local	Sub-Tropical area	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community

Shrubs	Dussa	<i>Colebrookia oppositifolia</i>	Local	Lower shiwalik	Seed	Rare	Rare	nil	Flower	N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	<i>Euphorbia royleana</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>	Local	Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativa</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Bair	<i>Ziziphus xylocarpa</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bheda	<i>Terminalia bellerica</i>	Local	Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Bill-Patre	<i>Aegle mermelos</i>	Local	Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Tree	Drankh	<i>Melia azadirach</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community

Tree	Harad	<i>Terminalia chebula</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	Good for digestion	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Jaman	<i>Syzygium cumini</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Kakad-Singhi	<i>Pistacia khinjuk</i>	Local	Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Karal	<i>Bauhinia variegata</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Flower	N.A	N.A	Generally, held by community
Tree	Khair	<i>Acacia catechu</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Kringal	<i>Casia fistula</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	<i>Cordia dichotoma</i>	Local	Lower shiwalik	Seed	Rare	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Mango	<i>Mangifera indica</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Retha	<i>Sapindus mukorossii</i>	Local	Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community

Tree	Rumbal	<i>Ficus racemosa</i>	Local	Lower shiwalik	Seed	Rare	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	<i>Albizia lebbek</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Talli	<i>Dalbergia sissoo</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Trimbal	<i>Ficus auriculata</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Tuni	<i>Toona ciliata</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Arjun	<i>Terminalia arjuna</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Neem	<i>Azadirachta indica</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Bark	N.A	N.A	Generally, held by community
tree	Khair	<i>Acacia catechu</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Cannabis sativa</i>	Local	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Bark	N.A	N.A	Generally, held by community

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/ Knowledge Holder
Tree	Krangal	<i>Casia fistula</i>		Seed	Non-Commercial	Esthetic beauty	NA	Can used for	Genrally held by community
Tree	Satpati	<i>Alstonia scholaris</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Bottle brush	<i>Callistemom lanceolatus</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Gulmohar	<i>Delonix regia</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Panjtara	<i>Tara spinosa</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Jackranda	<i>Jacaranda mimsifolia</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Sukhchain	<i>Pongamia pinnata</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Silver Oak	<i>Grevillia robusta</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Paradise Tree	<i>Simarouba glauca</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	BottleBrush	<i>Callistemon</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Ashoka	<i>Polyalthia longifolia</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community

Tree	Arjun	<i>Terminalia arjuna</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Cypress	<i>Cupressus sempervirens</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Auricuria	<i>Araucaria araucana</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Satpatra	<i>Alstonia scholaris</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Tree	Sagwan	<i>Tectona grandis</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Thub	<i>Erythrina indica</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Chandani	<i>Tabernaemontana divaricata</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Raat ki Rani	<i>Cestrum nocturnum</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Bougainvillea	<i>Bougainvillea glabra</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Petunia	<i>Petunia atkinsiana</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Tecoma	<i>Tecoma stans</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Thuja	<i>Thuja occidentalis</i>		Seed	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	Rose	<i>Rosa spp.</i>		Stem	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Shrubs	China rose	<i>Hibiscus rosa-sinensis</i>		Stem	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community
Herbs	Aloe vera	<i>Aloe barbadensis</i>		stem	Non-Commercial	Esthetic beauty	NA	NA	Genrally held by community

Format 14: Timber Plants / Trees

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

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/ hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Cattle	Gau	<i>Bos indicus</i>	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil	No	Milk	All
	Jersy Gau	<i>Bos taurus</i>	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil	yes	Milk	All
	Amrecan Gau	<i>Bos taurus</i>	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Buffalo	Manj	<i>Bubalus bubalis</i>	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All
	Punjabi Mais	<i>Bubalus bubalis</i>	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Horse	ghoda	<i>Equus caballus</i>	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
Mule	khacchar	<i>E.assinus xE caballus</i>	Local	Black	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
	Kukkar	<i>Galus domesticus</i>	Local	Enriched meat flavor	Backyard	Abundant	Decrease	Egg ,meat	Nil	No	Egg ,meat	All

Poultry	Farmi Kukkar	<i>Galus domesticus</i>	Chabro	good egger	Backyard	few	Increased	Egg,meat	Nil	No	Egg ,meat	All
	Broiler	<i>Galus domesticus</i>	Hybrid	white color , fast growing	deep litter	few	Increased	meat	Nil	Yes	Meat	All
	Chakore	<i>Alectoris chukar</i>	Local	black and white stripes ,beak is short, strong, and orange in color	Backyard	few	Decrease	Egg,meat	Nil	Yes	Egg, Meat	All
	Parrot	<i>Psittaciformes</i>	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
	Pigeon	<i>Columbidae</i>	Local	white color , fast growing	Backyard	few	Decrease	decorative	Nil	No	nil	All
Dog	Kutta	<i>Canis familiaris</i>	Local	Nil	Pet ,Stray	Abundant	Abundant	Nil	Nil	No	Nil	All / stray
Cat	Billi	<i>Felis catus</i>	Local	Grey /white color	Pet ,Stray	Abundant	Abundant	pet	Nil	No	Nil	All / stray
Rabbit	Khargosh	<i>Oryctolagus cuniculus</i>	White gaint	white	Pet ,wild	few	few	Pet	Nil	No	Nil	All / wild

Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Indian Major Carps	Catla	<i>Catla catla</i>	IMC	Catla is a fish with large and broad head, a large protruding lower jaw and upturned mouth. It has large, greyish scales on dorsal side and whitish on belly.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Indian Major Carps	Rohu	<i>Labeo rohita</i>	IMC	Herbivorous, its dorsal profile more convex than ventral, body with scales, head without scales, column to bottom feeder, mouth small and inferior with fringed lower lip. Cultured mostly in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Indian Major Carps	Mrigal	<i>Cirrhinus mrigala</i>	IMC	Omnivorous, bilaterally symmetrical and streamlined, head and snout devoid of scales, mouth inferior, barbels absent, cultured mostly in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Exotic Carps	Common Carp	<i>Cyprinus carpio</i>	Exotic Carp/ Scale Carp	Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protrudible mouth and lips are extended like a short tube for sucking up food, hardy in nature.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community

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

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		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used for timber and medicinal purposes	–	Self observed
Tree	Khair	<i>Accacia catechu</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used for timber and medicinal purposes	–	Self observed
Tree	Bour	<i>Ficus benghalensis</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used for timber and medicinal purposes	–	Self observed
Tree	Chilla	<i>Caseria tomentosa</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Amlı	<i>Phyllanthus emblica</i>	Tree	Sub -tropical	Available	Available	Own Use	wood	Used for timber and medicinal purposes	–	Self observed
Tree	Koakoa	<i>Flacourita indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used for timber and medicinal purposes	–	Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub -tropical	Available	Available	Own Use	leaves	Used for timber and medicinal purposes	–	Self observed
Tree	Dudaya	<i>Wrightia parvifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	leaves	Used for timber and medicinal purposes	–	Self observed
Shrub	Garna	<i>Carissa spinarum</i>	Shrubs	Sub -tropical	Available	Available	Own Use	Fruits	Used for timber and medicinal purposes	–	Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub -tropical	Available	Available	Own Use	fruits/wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kaam	<i>Mitragyna parvifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kambal	<i>Lannea coromandlica</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kamla	<i>Mallotus philippennis</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Khair	<i>Acacia catechu</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed

Tree	Kodh	<i>Aloe barbadens</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Lucenia	<i>Leucaenia spp</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	panasara	<i>Wendlandia spp</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood	Used for timber and medicinal purposes	–	Self observed
Tree	Reetha	<i>Sapindus mukortossi</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits and wood	Used for timber and medicinal purposes	–	Self observed
Shrub	Santa	<i>Dodonaea viscosa</i>	Shurbs	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	sarri	<i>Albezzia spp</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Talli	<i>Dalbergia sissoo</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Thub/Dudhruk	<i>Erythrinia spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Balugar	<i>Bauhinia vahili</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Chuindi	<i>Xylosma lingifolium</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	doss/sanam	<i>Colebrookea oppositifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Khini	<i>Ficus hispida</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kral	<i>Bauhinia vahili</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Flowers	Used for timber and medicinal purposes	–	Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed

Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Behra	<i>Terminalia bellerica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Bilan	<i>Aegle marmelos</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Oanni	<i>Lyonia ovalifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Rumble	<i>Ficus recemosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Draink	<i>Melia azadirach</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Neem	<i>Azadirachta indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Plakh	<i>Ficus virens</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Chamar sama	<i>Holoptelea integrifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed

Tree	Lasura	<i>Cordia myxa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kassod	<i>Senna siamea</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Shrub	Branked	<i>Justicea adhatoda</i>	Shrubs	Sub -tropical	Available	Available	Own Use	Leaves	Used for timber and medicinal purposes	–	Self observed
Grass	Khar	<i>Saccharum bengalense</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves	Used for timber and medicinal purposes	–	Self observed
Tree	Imli	<i>Tamarandis indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits	Used for timber and medicinal purposes	–	Self observed
Tree	Cribul		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kurri		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Narsino		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Pandal		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Rala		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Tai		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Salag		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Karmroo		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Khro		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Gagerada		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kamkam		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kangi		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed

Tree	Kenye/Kenyo		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Lanyan		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Karkai/katkai		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Gamai		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Kalam/Kalen		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Karmanglu		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Tanda		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Mankarahan		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Amity		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Banhadam		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Gangara		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed
Tree	Khajoor		Tree	Sub -tropical	Available	Available	Own Use	Wood	Used for timber and medicinal purposes	–	Self observed

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Ratti	<i>Abrus precatoris</i>	Wild	Timber and medical use	Available
2	Khair	<i>Acacia catechu</i>	Wild	Timber and medical use	Available
3	Exotic Acacia	<i>Acacia farnesana</i>	Wild	Timber and medical use	Available
4	Kikkar	<i>Acacia nilotia</i>	Wild	Timber and medical use	Available
5	Parkanda	<i>Achyranthes aspera</i>	Wild	Timber and medical use	Available
6	Bael	<i>Aegle marmelos</i>	Wild	Timber and medical use	Available
7	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Timber and medical use	Available
8	Rambana	<i>Agave americana</i>	Wild	Timber and medical use	Available
	safed Siris	<i>Albizia procera</i>	Wild	Timber and medical use	Available
9	kala siris	<i>Albizia lebbek</i>	Wild	Timber and medical use	Available
10	Kuad Gandal	<i>Aloe barbandensis</i>	Wild	Timber and medical use	Available
11	Nad	<i>Arundo donax</i>	Wild	Timber and medical use	Available
12	Seski	<i>Artemisia parviflora</i>	Wild	Timber and medical use	Available
13	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Timber and medical use	Available
14	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Timber and medical use	Available
15	Neem	<i>Azadirachta indica</i>	Wild	Timber and medical use	Available
16	bamboo	<i>Bambusa bamboos</i>	Wild	Timber and medical use	Available
17		<i>Bambusa nutans</i>	Wild	Timber and medical use	Available
18	Baloongar	<i>Bahunia vahlii</i>	Wild	Timber and medical use	Available

20	kachnar	<i>Bahunia variegata</i>	Wild	Timber and medical use	Available
21	Simbal	<i>Bombax ceiba</i>	Wild	Timber and medical use	Available
22	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Timber and medical use	Available
23	Plaah	<i>Butea monosperma</i>	Wild	Timber and medical use	Available
24	Bhang	<i>Cannabis sativa</i>	Wild	Timber and medical use	Available
25	Chila	<i>Casaria tometosa</i>	Wild	Timber and medical use	Available
26	Kringal	<i>Cassia fistula</i>	Wild	Timber and medical use	Available
27	Mainphal	<i>Catunaregum spinosa</i>	Wild	Timber and medical use	Available
28	Aajan Grass	<i>Cenchrus ciliaris</i>	Wild	Timber and medical use	Available
29	Brahmi Buti	<i>Centella asiatica</i>	Wild	Timber and medical use	Available
30	karun	<i>Chenopodium murale</i>	Wild	Timber and medical use	Available
31	Khas khas	<i>Chrysopogon zizanoides</i>	Wild	Timber and medical use	Available
32	kapoor	<i>Cinnamomum camphora</i>	Wild	Timber and medical use	Available
33	Bhus	<i>Cirsium arvense</i>	Wild	Timber and medical use	Available
34	Sanali or Dussa	<i>Colebrookea oppositifolia</i>	Wild	Timber and medical use	Available
35	Shudri	<i>Crateva religiosa</i>	Wild	Timber and medical use	Available
36	amer Bel	<i>Cuscuta reflexa</i>	Wild	Timber and medical use	Available
37	Hound's Tongue	<i>Cynoglossum lanceolatum</i>	Wild	Timber and medical use	Available
38	Barna	<i>Cyperus rotundus</i>	Wild	Timber and medical use	Available
39	Tali	<i>Dalbergia sissoo</i>	Wild	Timber and medical use	Available
40	Dhatura	<i>Datura stramonium</i>	Wild	Timber and medical use	Available
41	Baans	<i>Dendrocalmus</i>	Wild	Timber and medical use	Available
42	palain	<i>Debdrocalamus annulatum</i>	Wild	Timber and medical use	Available
43	Kalu Grass	<i>dicliptera bupleuroides</i>	Wild	Timber and medical use	Available
44	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Timber and medical use	Available

45	Hop Bush	<i>Dodonaea viscosa</i>	Wild	Timber and medical use	Available
46	Thorowax foldwing	<i>Dicliptera bupleurooides</i>	Wild	Timber and medical use	Available
47	Black-Bulb Yam	<i>Dioscorea melanophyma</i>	Wild	Timber and medical use	Available
48	Santha	<i>Dodonaea viscosa</i>	Wild	Timber and medical use	Available
49	duranta	<i>Duranta erecta</i>	Wild	Timber and medical use	Available
50	Chamror	<i>Ehretia acuminata</i>	Wild	Timber and medical use	Available
51	Dhol Dhak	<i>Erythrina suberosa</i>	Wild	Timber and medical use	Available
52	pangara	<i>Erythrina variegata</i>	Wild	Timber and medical use	Available
53	safeda	<i>Ecalyptus teretcornis</i>	Wild	Timber and medical use	Available
54	Hybrid safeda	<i>Eulaliopsis binata</i>	Wild	Timber and medical use	Available
55	Bubbean	<i>Euphorbia roylena</i>	Wild	Timber and medical use	Available
56	Trimbal	<i>Ficus auriculata</i>	Wild	Timber and medical use	Available
57	Bohr	<i>Ficus benghalensis</i>	Wild	Timber and medical use	Available
58	Peepal	<i>Ficus religiosa</i>	Wild	Timber and medical use	Available
59	Kakoa	<i>Flacourtia indica</i>	Wild	Timber and medical use	Available
60	Lamb Grass	<i>Flemingia chappar</i>	Wild	Timber and medical use	Available
61	Kharpoway	<i>Gompherna celosiooides</i>	Wild	Timber and medical use	Available
62	Dhaman	<i>Grewia optiva</i>	Wild	Timber and medical use	Available
63	Kanphuta	<i>Heteropogon contortus</i>	Wild	Timber and medical use	Available
64	Bhattani	<i>Ipomoea carnea</i>	Wild	Timber and medical use	Available
65	Chameli	<i>jasminum officinale</i>	Wild	Timber and medical use	Available
66	Ratanjot	<i>Jatropha curcas</i>	Wild	Timber and medical use	Available
67	Brenker	<i>Justicia adhatoda</i>	Wild	Timber and medical use	Available
68	Kemal	<i>lannea coromandelica</i>	Wild	Timber and medical use	Available
69	panjphuli	<i>Lantana camera</i>	Wild	Timber and medical use	Available

70	Mithu grass	<i>lathyrus sativus</i>	Wild	Timber and medical use	Available
71	kamila	<i>mallotus philippensis</i>	Wild	Timber and medical use	Available
72	baryar	<i>Malvastreum coromandelianum</i>	Wild	Timber and medical use	Available
73	Aam	<i>Magnifera indica</i>	Wild	Timber and medical use	Available
74	drehnk	<i>Melia azedarach</i>	Wild	Timber and medical use	Available
75	Kaam	<i>Mitragyna parvifolia</i>	Wild	Timber and medical use	Available
76	Toot	<i>Morus alba</i>	Wild	Timber and medical use	Available
77	Drenkri	<i>Murraya koenigiffi</i>	Wild	Timber and medical use	Available
78	gandila	<i>Nerium oleander</i>	Wild	Timber and medical use	Available
79	Kua	<i>Loea europaea</i>	Wild	Timber and medical use	Available
80	Chitter	<i>Cuspidata</i>	Wild	Timber and medical use	Available
81	Pricky pear	<i>Opuntia elator</i>	Wild	Timber and medical use	Available
82	tetar	<i>Oroxylum indicum</i>	Wild	Timber and medical use	Available
83	Congress grass	<i>Parthenium hysterophorus</i>	Wild	Timber and medical use	Available
84	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Timber and medical use	Available
85	Napier grass	<i>Pennisetum purpureum</i>	Wild	Timber and medical use	Available
86	Kahjoor	<i>Phoenix sylvestris</i>	Wild	Timber and medical use	Available
87	Amla	<i>Phyllanthus emblica</i>	Wild	Timber and medical use	Available
88	Chir	<i>Pinus roxburghii</i>	Wild	Timber and medical use	Available
89	Jojra	<i>Puplia lappacea</i>	Wild	Timber and medical use	Available
90	Yellow flax	<i>Reinwarddtia indica</i>	Wild	Timber and medical use	Available
91	Castor oil	<i>Ricinus hastatus</i>	Wild	Timber and medical use	Available
92	baruwa grass	<i>Saccharum bengalense</i>	Wild	Timber and medical use	Available
93	Wild sugarcane	<i>Saccharum spontaneum</i>	Wild	Timber and medical use	Available
94	basant panchmi	<i>Sapindus mukorossi</i>	Wild	Timber and medical use	Available

Format 20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present				
Mahaseer	<i>Tor putitora</i>	Local, Migratory	Big Head, Small Barbels, Golden Scales	River Chenab	Available	Available	Own & Commercial use	Used as food as source of protein	Caught During summers and rainy season with line hook or cast net	Mansa ram
Churru, Alwaan, Khont	<i>Schizothorax</i>	Local, Migratory	Cylindrical body with short blunt upper jaw, ray-finned fish	River Chenab	Available	Available	Own & Commercial use	Used as food as source of protein	Caught During summers and rainy season with line hook or cast net	Mansa ram

Other details may include mode of catching fish, time of availability, breeding time, etc

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Santha	<i>Dodonaea viscosa</i>	Shrub	Firewood	Good
2	Kanner/Lal Gandila	<i>Nerium indicum</i>	Shrub	Ornamental	Good
3	Daduni	<i>Punica grantum</i>	Shrub	Live Hedge fencing	Good
4	Bankhar	<i>Adhatoda vasica</i>	Shrub	Medicinal	Good
5	Akk	<i>Calotropis gigantea</i>	Shrub	Cultural	Good

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	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Phulai or fly	<i>Acacia modesta</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community

Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Simbal	<i>Bambax ceiba</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Shrubs	Garna	<i>Carissa spinosa</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Herbs	Khas khas	<i>Chrysopogon zizinooides</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Kapoor	<i>Cinnamomum camphora</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community

Tree	Rumble	<i>Ficus racemosa</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Toot	<i>Morus alba</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Khajoor	<i>Phoenix sylvestris</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	amla	<i>Phyllanthus emblica</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	reetha	<i>Sapindus mukorossi</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Imli	<i>Tamarindus indica</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community

Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-Tropical	Available	Available	–	Branch for brushing and leaves for medicine	Branch and leaves	own use	General community

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
Other details: Harvesting period /Perennial/annual/seasonal

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Chaleri Saag	<i>Amaranthus viridis</i>	Vegetables	Sub-Tropical/ Semi-tropical	Available	Available	Food/Fodder	Whole plant	–	Good for general digestive health	General community
Jangli Choulai	<i>Amaranthus viridis</i>	Rice, Maize & sugarcane	Sub-Tropical/ Semi-tropical	Available	Available	Fodder	Whole plant	–	Good for general digestive health	General community
Bathua/ Kanh/Wild Spinach	<i>Chenopodium album</i>	Wheat, Pea, Potato	Sub-Tropical/ Semi-tropical	Available	Available	Food/Fodder	Whole plant	–	Good for general digestive health	General community
Maina	<i>Medicago denticulata</i>	Wheat Grass Peas	Sub-Tropical/ Semi-tropical	Available	Available	Food/Fodder	Whole plant	–	Good for pain relief	General community
Matri	<i>Lathyrus aphaca</i>	Wheat Grass Peas	Sub-Tropical/ Semi-tropical	Available	Available	Food/Fodder	Whole plant	–	Good for general digestive health	General community
Jangli Javi	<i>Avne fatua</i>	Oats	Sub-Tropical/ Semi-tropical	Available	Available	Fodder	Whole plant	–	Good fodder ingredient	General community
Jangli payas	<i>Allium humaie</i>	Onion	Sub-Tropical/ Temperate	Available	Available	Food/Fodder	Whole plant	–		–

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/Non-commercial	Associated Tk	Other Details	Community/ Knowledge Holder
Kachnar	<i>Bauhinia variegata</i>	Local	Terrestrial	Non commercial	Used for Dysentry, Diarrhoea	Pink flowers in Summer	Floriculturists/Nurserymen/Gardeners
Nerium	<i>Nerium oleander</i>	Local	Terrestrial	Non commercial	Epilepsy, cancer	Avenue plantation	Floriculturists/Nurserymen/Gardeners
Kaner	<i>Thevetia peruviana</i>	Local	Terrestrial	Non commercial	Fevers	Flower most of the year	Floriculturists/Nurserymen/Gardeners
Bottle Brush	<i>Callistemmon spp.</i>	Local	Terrestrial	Non commercial	Therapeutic uses	Foilage and flowers	Floriculturists/Nurserymen/Gardeners
Bogan Bael	<i>Aegle marmelos & hybrids</i>	Local	Terrestrial	Non commercial	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/Nurserymen/Gardeners
Agave	<i>Agave angustifolia</i>	Local	Terrestrial	Non commercial	Traditional medicines	Succulent	Floriculturists/Nurserymen/Gardeners
Thur	<i>Cactus spp.</i>	Local	Terrestrial	Non commercial	Folk medicines	Thorny succulents	Floriculturists/Nurserymen/Gardeners

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Tree/Shrub	Khair	<i>Acacia catechu</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree	Phulai or Fly	<i>Acacia modesta</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree	Kikar	<i>Acacia nilotica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Parkanda	<i>Achyranthus aspera</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree	Bel	<i>Aegle marmelos</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree	Kramblu	<i>Albizia odoratissima</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree	Neem	<i>Azadirachta indica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Jungli toot	<i>Broussonetia papyrifera</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Bhang	<i>Cannabis sativa</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Garna	<i>Carissa spinarum</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Bhrami buti	<i>Centella asiatica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Khas khas	<i>Chrysopogon zizanoides</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Kapoor	<i>Cinnamomum camphora</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Climber	Amar bel	<i>Cuscuta reflexa</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community

Tree/Shrub	Tali	<i>Dalbergia sissoo</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Fagora	<i>Ficus palmata</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Rumble	<i>Ficus racemosa</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Kakoa	<i>Flacourtia indica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Dhaman	<i>Grewia optiva</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/	Aam	<i>Mangifera indica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree	Toot	<i>Morus alba</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Drenkeri	<i>Murraya koenigii</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Khajoor	<i>Phoenix sylvestris</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Amla	<i>Phyllanthus emblica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Reetha	<i>Sapindus cumini</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Jamun	<i>Syzygium cumini</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Imli	<i>Tamarindus indica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Bahera	<i>Terminalia bellirica</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Tree/Shrub	Harar	<i>Terminalia chebula</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community
Climber	Giloe	<i>Tinospora sinensis</i>	Local	Wild/domesticated	Abundant	Moderate	Brush/medicinal	Leaves/Branches	–	Cutural significance	General community

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Shisham	<i>Dalbergia sissoo</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	Balwant singh
Ber	<i>Ziziphus jujuba</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	Balwant singh
Sagwan	<i>Tectona grandis</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	Balwant singh
Simbal	<i>Bombax ceiba</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	Balwant singh
Tunu	<i>Cidrela toona</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	Balwant singh
Safeda	<i>Corymbia citriodora</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	Balwant singh

Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Mammal	Five Striped Palm Squirrel	<i>Funambulus penanti</i>	Forest, Villages, cities		No particular season	Good	Lesser than usually seen	-	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Common Indian Hare	<i>Lepus negricolis</i>	Jungle, Near sub-urban pockets		No particular season	Good	Lesser than usually seen	-	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Indian Field Mouse	<i>Mus boodnga</i>	Forest, Villages, cities		No particular season	Good	Lesser than usually seen	-	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Red Jungle Fowl	<i>Gallus gallus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	-	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Common Peafowl	<i>Pavo cristatus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	-	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Black Partridge	<i>Francolinus francolines</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	-	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Grey Partridge	<i>Francolinus ponicerianus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Chakore	<i>Alectoris chokor</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Blue Rock Pigeon	<i>Columba livia</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Spotted Dove	<i>Streptopelia orientalis</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Ring Dove	<i>Streptopelia decaocto</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
White Beaked Bengal Vulture	<i>Pseudogyps bengalensis</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Rose Ringed Parakeet	<i>Psittacula krameri</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Indian Mynah	<i>Acridotheres tristis</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Jungle Crow	<i>Corvus macrorhynchos</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
House Crow	<i>Corvus splendens</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Koel	<i>Eudynamis scolopacea</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Golden backed Wood Pecker	<i>Dinopium benghalense</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Paradise Fly Cather	<i>Terpsiphone paradisi</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Bulbul	<i>Hypsipetes madagascariensis</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Cattle egret (Bagula)	<i>Bubalcus ibis</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Cheer pheasant	<i>Catreus wallichii</i>	Forest		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Owl	<i>Strigiformes</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
House Sparrow	<i>Passer domesticus</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Little Grebe	<i>Tachybaptus ruficollis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Great Cormorant	<i>Phalacrocorax carba</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Little Cormorant	<i>Phalacrocorax niger</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Grey Heron	<i>Ardea cinerea</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Purple Heron	<i>Ardea purpurea</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Indian Pond Heron	<i>Ardeola grayii</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Birds

Intermediate Egert	<i>Mesophoyx intermedia</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Black Crowned Night Heron	<i>Nycticorax nycticorax</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Black Stork	<i>Ciconia nigra</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Black necked stork	<i>Ephippiorhynchus asiaticus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Bar Headed Goose	<i>Anser indicus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Lesser Whistling Duck	<i>Dendrocygna javanica</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Ruddy Shelduck	<i>Tadorna ferruginea</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Northern Pintail	<i>Anas acuta</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Common Teal	<i>Anas crecca</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Gadwal	<i>Anas strepera</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Northern Shoveler	<i>Anas clypeata</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Black Shouldered Kite	<i>Elanus caeruleus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Common coot	<i>Fulica atra</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Red wattled Lapwing	<i>Vanellus indicus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Common Sandpiper	<i>Actitis hypoleucos</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
River Tern	<i>Sterna aurantia</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Oriental Turtle Dove	<i>Streptopelia orientalis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Laughing Dove	<i>Streptopelia senegalensis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Greater Coucal	<i>Centropus sinensis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Common Kingfisher	<i>Alcedo atthis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Pied Kingfisher	<i>Ceryle rudis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Green Bee eater	<i>Merops orientalis</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Common Stone Chat	<i>Saxicola torquata</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Brown Rock Chat	<i>Cercomela fusa</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
White Wagtail	<i>Motacilla alba</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Yellow Wagtail	<i>Motacilla flava</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Purple Sunbird	<i>Nectarinia Asiatica</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Woolly Necked Strok	<i>Ciconia episcopus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Baya Weaver	<i>Ploceus philippinus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Babbler	<i>Argya caudata</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Monitor Lizard	<i>Varanus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Reptiles	Garden Lizard	<i>Calotes versicolor</i>	Forest, Villages, cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Python	<i>Molurus</i>	Forest, Villages		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Cobra	<i>Naja naja</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Russel's Viper	<i>Vipera russelli</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Rat Snake	<i>Ptyas musosa</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Krait	<i>Bungarus caeruleus</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
Amphibians	Frog	<i>Anura spp.</i>	Moist areas and water bodies		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Toad	<i>Bufo spp.</i>	Dry areas		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Insects (Butterflies)	Blue pansy	<i>Junonia orithya</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Common sergeant	<i>Athyma perius</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Baronet	<i>Euthalia nais</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Common tiger	<i>Danaus chrysippus</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Common leopard	<i>Phalantha phalantha</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Great eggfly	<i>Hypolimnas bolina</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Dark glass blue	<i>Zizeeria karsandra</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community
	Common Mormon	<i>Papilio polytes</i>	Forest, Villages, Cities		No particular season	Good	Lesser than usually seen	–	Helps in maintaining ecological cycle	conventional methods but less hunting reported by locals		General community

Format 29: Flora

1	2	3	4		5	6	7
S.No.	Local Name	Scientific Name	Type of Plant	Habitat	Flowering Season	Rare/Common	Remarks (Rare / Common etc.)
1.	Gutta	<i>Tagetes patula</i>	Herbs Seasonals	Terrestrial/Subtropical	Grows round the year	Common	On roadsides and in houses as well
2.	Gulab	<i>Rosa spp.</i>	Herbs Seasonals	Terrestrial/Subtropical	Perennial flower	Common	On roadsides and in houses as well
3.	Guldaudi	<i>Chrysanthemum spp.</i>	Herbs Seasonals	Terrestrial/Subtropical	Winter flower	Common	On roadsides and in houses as well
4.	Guldopahar	<i>Portulaca grandiflora</i>	Herbs Seasonals	Terrestrial/Subtropical	Summer flower	Common	On roadsides and in houses as well
5.	Dalia	<i>Dahlia pinnata</i>	Herbs Seasonals	Terrestrial/Subtropical	Winter annual flower	Common	On roadsides and in houses as well

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

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Cow	<i>Bos indicus</i>	Mammels	Terrestrial	Common
2	Buffalow	<i>Babalus bubalis</i>	Mammels	Terrestrial	Common
3	Sheep	<i>Ovis aries</i>	Mammels	Terrestrial	Common
4	Goat	<i>Capra hircus</i>	Mammels	Terrestrial	Common
5	Cat	<i>Felis catus</i>	Mammels	Terrestrial	Common
6	Dog	<i>Canis lupus familiaris</i>	Mammels	Terrestrial	Common
7	Horse	<i>Equus Caballus</i>	Mammels	Terrestrial	Common
8	Squirrel	<i>Funambulus penanti</i>	Mammal	Terrestrial	Common
9	Pigeon	<i>Columba livia</i>	Bird	Terrestrial	Common
10	Owl	<i>Strigiformes</i>	Bird	Terrestrial	Moderate
11	Sparow	<i>Passer domesticus</i>	Birds	Terrestrial	Common
12	Crow	<i>Corvovus splendens</i>	Birds	Terrestrial	Common

13	Peacock	<i>Pavo cristatus</i>	Birds	Terrestrial	Rare
14	Cobra	<i>Naja naja</i>	Reptile	Terrestrial	Moderate
15	Russel's Viper	<i>Vipera russelli</i>	Reptile	Terrestrial	Moderate
16	Common jay	<i>Graphium doson</i>	Insect (Butterfly)	Terrestrial	Moderate
17	Bee	<i>Apis spp.</i>	insects	Terrestrial	Common
18	Mosquito	<i>Aedes spp.</i>	insects	Terrestrial	Common
19	Frog	<i>Anura spp.</i>	Amphibian	Aquatic	Common

Format 31: Any other information of local importance		
1	2	3
Sr. No.	Information of local importance	Remarks
1	Kainth tree is present in abundance and it can be used for propagating various other fruit species such as Pear, Guava etc.	Locals requested that they should be given cuttings of fruit plants as they have Kainth tree in abundance and they see that it can provide them very good alternate source of income.

End of Part II