
People Biodiversity Register (PBR): General Details

Samiti : HAROTEKOTE

Panchayat Samiti: 3280 HA

Panchayat Samiti: Total : 3600

Female : 1759

Area: Hilly Area

(Temperature and weather patterns)

(Classification available with village records)

Date of PBR Preparation: 26-10-2019

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

Annexure 1

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

1)Name of the Chairperson: GANDHARB SINGH

Age: 42

Gender: MALE

Address: R/O HAROTEKOTE

Area of specialization:

2) Name: Dalli Devi

Age: 22 years

Gender: FEMALE

Address: R/O HAROTEKOTE

Area of specialization:

3)Name: SHEEMA BEGUM

Age: 34

Gender: FEMALE

Address: R/O HAROTEKOTE

Area of specialization:

4)Name: BHAWAN SINGH

Age: 39

Gender: MALE

Address: R/O HAROTEKOTE

Area of specialization:

5)Name: Baldev Raj

Age: 58

Gender: MALE

Address: R/O HAROTEKOTE

Area of specialization:

6)Name: Nil

Age:

Gender:

Address:

Area of specialization:

7)Name:

Age:

Gender:

Address:

Area of specialization:

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village

1) Name : NIL

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: NIL

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: NIL

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Annexure 3

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

1) Name of the Chairperson: NIL

Age:

Gender:

Address:

Area of specialization:

2) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

Annexure 4

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

1) Contact Person: NIL

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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

Annexure 5

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

S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
			Resolution no. 77 Dt: 26/10/19		

End of Part I

Part II
PBR – Formats
AGROBIODIVERSITY
Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Dhan	Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for “Valicha” cultivation		Kurichiya Kuruma W. Chetty
Rice	<i>Oryza sativa</i>	Dhan	Gija (k343) China, Japani, Parma (19 BC)	Lowland valleys	0.8 Ha	Rare	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	June - Oct	Food Fodder Roofing Fuel	Provides more energy	Suitable for “Valicha” cultivation	Local & Agri. Deptt.	-
Maize	<i>Zea mays</i>	Muck	Desi d. Decalf , Ganga etc.	White grain composite	200 Ha	Plenty	Plenty	High yielding	Kharif	Food Fodder	Provides more energy	Suitable for mid plains	Desi , Local & Agri. Deptt	-
Wheat	<i>Triticum aestivum</i>	Kank	MD - 2967 , Raj - 3765 & local	-	10 HA	Rare	Rare	Dwarf high	Rabi	Food Fodder	Provides more energy	Suitable for mid plains	Desi , Local & Agri. Deptt	-
Barley	<i>Hordeum vulgare</i>	Jou	Desi		5 Ha			-	Rabi	Food Fodder	Provides more energy	Suitable for mid plains		

Pulses	<i>Vigna mungo</i>	Maa	Desi & T-9	-	4Ha	Rare	Rare	-	July - Oct	Food	Proteins & energy	-	Local & Agri. Deptt.
Pulses	<i>Vigna unguiculata</i>	Rongi	Desi	-	1 Ha	Rare	Rare	-	Kharif	Food	Proteins & energy	-	Local & Agri. Deptt.
Pulses	<i>Lens culinaris</i>	Masar	Desi	-	2 Ha.	Rare	Rare	-	Rabi	Food	Proteins & energy	-	Local & Agri. Deptt.
Mustard	<i>Brassica juncea</i>	Sarson	Toori-RGN -725	-	5 Ha	Rare	Rare	-	Rabi	For Oil Purpose	-	-	Local & Agri. Deptt.
Til	<i>Sesamum indicum</i>	Til	Punjabi Local	-	2 Ha.	Rare	Rare	-	Kharif	For Oil Purpose	-	-	Local & Agri. Deptt.
Pulses	<i>Vigna radiata</i>	Sali-mungi	Desi Hi-breed	-	2 Ha.	Rare	Rare	-	June - Sept	Food & Fodder	Proteins & energy	-	Local & Agri. Deptt.
Pulses	<i>Phaseolus vulgaris</i>	Mothi-Rajma	Desi	-	2 Ha.	Rare	Rare	-	Kharif	Food & Fodder	Proteins & energy	-	Local & Agri. Deptt.
Pulses	<i>Pisum sativum</i>	Matar	Asauji	-	2 Ha.	Rare	Rare	-	Rabi	Food & Fodder	Proteins & energy	-	Local & Agri. Deptt.
Pulses	<i>Macrotyloma uniflorum</i>	Kulth	Desi	-	1 Ha	Rare	Rare	-	Kharif	Food & Fodder	Proteins & Stone medicines	-	Local & Agri. Deptt.
Okra	<i>Abelmoschus esculentus</i>	Bhindi	Desi & Hybrid	-	1 Ha	Rare	Rare	-	Kharif	Veg.	-	-	Local & Agri. Deptt.
Tomato	<i>Solanum lycopersicum</i>	Tamater	Desi & Hybrid	-	2 Ha.	Rare	Rare	-	-	Veg.	-	-	Local & Agri. Deptt.
Knol Khol	<i>Brassica Oleracea</i>	Kadam	Hi - Breed	-	1 Ha	Rare	Rare	-	-	Veg.	-	-	Local & Agri. Deptt.
Radish	<i>Raphanus sativus</i>	Muli	Hi - Breed	-	0.5 Ha	Rare	Rare	-	-	Salad, Aachar	-	-	Local & Agri. Deptt.

Cucumber	<i>Cucumis sativus</i>	Kakkdi	Desi	-	2 Ha.	Rare	Rare	-	-	Salad	-	-	Local
Turmeric	<i>Curcuma longa</i>	Haldi	Desi	-	2 Ha.	Rare	Rare	-	-	Masala , Medicine	-	-	Local & Agri. Deptt.
Taro	<i>Colocasia esculenta</i>	Kachalu	Desi & punjabi	-	3 Ha	Rare	Rare	-	-	Veg. Chart	-	-	Local & Agri. Deptt.
Onion	<i>Allium Cepa</i>	Piyaz	Desi & Hybrid	-	5 Ha	Rare	Rare	-	-	Food	-	-	Local & Agri. Deptt.
Garlic	<i>Allium sativum</i>	Thom	Desi	-	2 Ha.	Rare	Rare	-	-	Food	-	-	Local & Agri. Deptt.
Bitter gourd	<i>Momordica charantia</i>	Karela	Desi & Hybrid	-	2 Ha	Rare	Rare	-	-	Veg	-	-	Local & Hybrid Deptt.
Bottle Guard	<i>Legenaria Siceraria</i>	locky, Ghia	Desi & Hybrid	-	1 Ha	Rare	Rare	-	-	Veg	-	-	Local & Agri. Deptt.
Methi	<i>Trigonella foenum- graecum</i>	Methi	Desi	-	0.5 Ha	Rare	Rare	-	-	Masala	-	-	Local & Agri. Deptt.
Dhania	<i>Coriandrum sativum</i>	Dhania	Desi	-	0.5 Ha	Rare	Rare	-	-	Masala	-	-	Local & Agri. Deptt.

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

Format 2: Fruit Plants

1	2	3	4	5	6		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						
Woody Tree	<i>Mangifera indica</i>	Amb	Wild, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasim etc.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August	Record available in old books.	Sucking, table, processing	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Pidium guajava</i>	Amrood	Wild, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus sinensis</i>	Mosammi	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Record available in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus reticulata</i>	Sangtra	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Record available in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus aurantifolia</i>	Nimboo	Wild, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Record available in old books.	Processing.	Own uses and sold in market	Popular in local population.

Woody Tree	<i>Citrus limon</i>	Galgal	Wild	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus medica</i>	Kimb	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus jambhiri</i>	Jamiri	Wild	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Record vailable in old books.	Processing, root stock	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus limettoides</i>	Mithoo	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Citrus tangerina</i>	Narangi	Wild	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Record vailable in old books.	Ornamental and processing.	Own uses	Popular in local population.
Woody Tree	<i>Zizyphus mauritiana</i>	Ber	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Record vailable in old books.	Table purposes	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Punica granatum</i>	Anar	Wild, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Bush	<i>Carissa carandas</i>	Gerna	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record vailable in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.

Woody Tree	<i>Pyrus communis</i>	Nakh	Pathar Nakh	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Prunus persica</i>	Aru	Wild, Sun Red, Florida Sun	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Prunus saliciana</i>	Aloocha	Kala Amritsari, Alucha	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
Woody Tree	<i>Ficus carica</i>	Fakhwari	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Introduced by traders and domesticated locally.	Table purposes.	Own uses and sold in market	Popular in local population.
Soft Tree	<i>Carica papaya</i>	Papita	Wild, Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Record available in old books.	Table purposes.	Own uses and sold in market	Popular in local population.
Tree	<i>Malus domestica</i>	Saib	Local	Sub-tropical	Rare	Rare	Local & Horticulture Deptt.	Rainy		Fresh fruit, Juice, Jam etc		
Tree	<i>Juglans regia</i>	Akhroot	Local, improved	Sub-tropical	Rare	Rare	Local & Horticulture Deptt.	Mar- Sept		Dry Fruit		
Tree	<i>Punica aranatum</i>	Anardana, Daroo	Wild	Sub-tropical	Rare	Rare	Local & Horticulture Deptt.	March - Oct		Fresh Fruit		
Tree	<i>Musa paradisica</i>	Kela	Desi	Mid plains	Rare	Rare	Local & Horticulture Deptt.	-	-	-		

Tree	Malook	<i>Diospyrus lotus</i>	Desi	-	-	-	Local & Horticulture Deptt.	-	-	Cultural use		
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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					
Pearl	<i>Pennisetum glaucum</i>	Bajra	Tropical sub tropical climate	Plenty	Plenty	Agriculture deptt Pvt. Seed store	High hillering crop	Whole Plant	It is quick growing disease and frost resistant	
Sorghum	<i>Sorghum bicolor</i>	Charri	Mid plains & plains	Rare	Rare	Agriculture deptt	-	leaves and stem	Kharief	
OATS	<i>Avena saiva</i>	Javi	Mid plains	Rare	Rare	Agriculture deptt	-		Nutritive	
Barley	<i>Hordeum vulgare</i>	Jou	Mid hills shivaliks	Rare	Rare	Local	-			

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

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Bathua	<i>Chenopodium spp.</i>	Baathu	Wheat	Broad leaf and consumed the nutrients of plants and reduce the production	Germination in the field after 20 days	Plenty	Plenty	Nil	1.Use of weedicide		Hady and wider adoptability, multiply very fast	
Sitti	<i>Phalaris minor</i>	Sitti	Wheat	Compete with nutrition, light and space with wheat crop and reduces the narrow leaf weed	Grows with wheat crop	Plenty	Plenty	Nil	1.Use of weedicides metribuzinie @ 200 Gms/h a dissolved in 500-600 l if water		Hady and wider adoptability, multiply very fast	
Dhoob	<i>Cynodon dactylon</i>	Dhoob	Maize	Weed emerg with the germination with maize seed and grow along with the plants till the early growth period and cause sever crop weed compitation	Grows with maize crop	Plenty	Plenty	Nil	1. 2-3 weeding followed by earthingup. 2. pre emergence appliation Atrazine @ 1-1.25 Kg/ per ha of 50% WP		Losses caused by weeds are more during early stage tha later stages	
Congress grass	<i>Parthenium spp.</i>	congress Weed	summer crop	Consume the nutrients	Germinate in summer	Rare	Plenty	Early maturity	Mechanical,Chemical	Problmetic	Spread fast	Farmering Community
Senji	<i>Melilotus indicus</i>	Senji	Wheat	Consume the nutrients	Plains & mid plains	Rare	Rare					
Bhang	<i>Cannabis sativa</i>	Bhang	Main summer crop	Consume the nutrients	Plains & mid plains	Plenty	Plenty	-	Mechanical	-	Fast growing	Farmering Community

Muthu	<i>Cyprus rotundus</i>	Muthu	Maize	Consume the nutrients	Plains & mid plains	Plenty	Plenty					
Phalaris	<i>Phalaris minor</i>		Wheat	Consume the nutrients	Plains & mid plains	Plenty	Plenty					
Dina nath grass	<i>Pennisetum pedicellatum</i>	Dina nath grass	Maize	Consume the nutrients	Plains & mid plains	Plenty	Plenty					
Jojra		Jojra	Maize & Grass	Consume the nutrients	Plains & mid plains							
Jangli palak	<i>Rumex acetosella</i>	Imlu	Wheat	Consume the nutrients	Plains & mid plains	Plenty	Plenty					

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Associated TK	Other details	Community knowledge holder
Paddy	Grasshoper	<i>Hieroglyphus niogroreplentum</i>	Tidda, Raja da, Gorha	Polyphagus	June to November	Both Nymphs and adults feed on the leaves, they devour the young shoots and newly farm ear heads	Adults are like locust but smaller in size	
	Rice Hisppa	<i>Dicladispa</i>	Neelu tittu	Appeaqr in all varieties of rice	July- sep	Quinalphos 25EC 1 litre per ha in 750 ltr of water	The grubs this pest mine into the leaves and adults are external feeders	
Wheat	Field Rats	<i>Bandicota sp. Tatera sp.</i>	Chau, kees	Burrow in soil. Rats are found in nearly all areas of earth which are inhabited by human beings	through out the year	They cause have loss to standing wheat crop and harvested crop in stores.	Domestic rats differ from wild rats in many ways. They are calmer and less likely to bite; they can tolerate greater crowding; they breed earlier and produce more off spring; and their brains, livers, kidneys, adrenal glands and hearts are smaller	
	Termites	<i>Microtermes obesi</i>	Seenak, SEONAK, WHITE ANT	Generally appears at wet places, lives in nests made under ground	through out the year	These are social insect that lives under ground in colonies	The damage plant dry up completely and are easily pulled out	
Wheat , maize and vegetable	Army Worm	<i>Mythimna unipuncta</i>	Keda, Mongra	on the leaf of the host	Pre-mature stage of (25 days)		Nil	Nil
Wheat, maize	White grub	<i>Holotrichia</i>	Garbeda	Anywhere	Whole season	These insects eat the nutrients below soil of any plant	Destructive	-

Vegitable & Trees	Whitefly	<i>Aleyrodoidea</i>	Chitti burdi, shoti titli			These also attacked under side of leaf	Nil	Nil
Trees , plants & grasses	Jassinds	<i>Cicadellidae</i>	Sela trida			Attacked up on the plants, trees & grasses		
Maize, & vegetables	Therips	<i>Thysanoptera</i>	Chinar			Attacked on vegitable flowers & leaves		
Plants, trees , maize & Mustard	Meal bug	<i>Pseudococcidae</i>	Dadroot, Loot			White stuff on plant leaves		
Maize	Green leaf hopper	<i>Cicadella viridis</i>	rangbranga tridda			-		
Maize	Mites	<i>Corn earworm</i>	Kidi			-		
Maize	Main cut worm	<i>Agrotis ipsilon</i>	Kida, Toka			Cut the plant from open area		
Maize	Maize stem borer	<i>Chilo partellus,</i>	Kida ludi					
Vegitable & Maize	cut worm	<i>Agrotis ipsilon</i>	Toka					

Other details may include possible reasons for insects/animal attack

Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M)[1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish
No specified market. Livestock is purchased directly from farmer's home	Weekly	Local/Crossbred Sheep & Goat	2 (approx)	Local	samba	Does not pertain to this department		
-do-	Weekly	Local/Crossbred Sheep & Goat	2	Local	Jammu			
-do-	Weekly	Local/Crossbred Sheep & Goat	2	Local	chadwal			
-do-	Weekly	Local/Crossbred Sheep & Goat	2	Local	hiranagar			

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
Rural, 3750	372, Farming, agriculture	Animal husbandry and Govt./Pvt. service	Agriculture land		Howing, edging, cultivation, fertilization					

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	Feature s and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallo w land											
350 Ha	10 K	100 Ha	-	-	Pvt. / Govt.								

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

Land details of Pyt.	Kanal	Marlas
Agri land	6983	11
Ponds	10	0
Forest land	41315	19
Other land	17293	0
Total land PYT	65611	0

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
Bowlis	-	-	Private/ Govt.	-	-	Drinking water						
Ponds	-	-	Govt	-	-	Water stored for animals drinking						
Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,												

Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Brown forest soil	silt loam to clay texture	Fine Granular Dub Angular	Use of organic matter	maize, wheat			
Alluvial Soil	Loamy soil						
		blocky structure having Ph 7-8-8.3holding capacity more than 40 %					
		Ph 7.0-7.7 organic carbon 0.18 -0.6N	Use of organic matter	wheat, paddy			

Format-11: FRUIT TREES DOMESTICATED BIODIVERSITY

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 market/ 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 available in old books.	Own uses and sold in market	Popular in local population.
2	Woody Tree	Amrood	<i>Pidium 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.
3	Woody Tree	Mosammi	<i>Citrus sinensis</i>	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
4	Woody Tree	Sangtra	<i>Citrus reticulata</i>	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
5	Woody Tree	Nimboo	<i>Citrus aurantifolia</i>	Local, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
6	Woody Tree	Galgal	<i>Citrus limon</i>	Local	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
7	Woody Tree	Kimb	<i>Citrus medica</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.

8	Woody Tree	Jamiri	<i>Citrus jambhiri</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	Record available in old books.	Own uses and sold in market	Popular in local population.
9	Woody Tree	Mithoo	<i>Citrus limettoides</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
10	Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
11	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.
12	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.
13	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.
14	Woody Tree	Seb	<i>Malus X 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.
15	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.
16	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.

17	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.
18	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.
19	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 available in old books.	Own uses and sold in market	Popular in local population.
20	Woody Tree	Aadu	<i>Prunus persica</i>	Shona, Desi & Punjabi	Cultivated land	Rare	Rare	Govt. Nursery	summer	Fresh fruit		Own use	
21	Woody Tree	Akhroot	<i>Juglans regia</i>	Local & improved	Cultivated land	Plenty	Plenty	Local & Nursery	summer	Dry fruit		Own use & selling	
22	Woody Tree	Khubani	<i>Prunus armeniaca</i>	Local & improved	Cultivated land	Plenty	Plenty	Local & Nursery	summer	Dry fruit & fresh fruit		Own use	
23	Woody Tree	Kinnoo	<i>Citrus slop</i>	Local & hybrid	Cultivated land	Rare	Rare	Local & Nursery	summer	Fresh fruit		Own use	
24	Woody Tree	pather nakh	<i>China tree</i>	Local	Cultivated land	Rare	Plenty	Local & Nursery	summer	Fresh fruit		Own use	
25	Woody Tree	Bagu gosha	<i>butanki</i>	Local	Cultivated land	-	-	-	-	-		-	

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>			Locally raised	Rare	Rare	Medicines	Leaf & seeds			
Aloe vera	Aloe vera	<i>Aloe vera</i>	Wild	Mid plains & lower shivaliks	Local	Rare	Rare	Medicines	Leaf			
Shrub	Trimuru	<i>Zanthoxylum armatum</i>	Wild	Sub tropical	Forests	Rare	Rare	Medicines	Fruit			
Tree	Anardana	<i>Punica granatum</i>	-	-	-	Rare	Rare					
Karal	Kachnar	<i>Bauhinia purpurea</i>	Wild	Sub tropical	Forests	Rare	Rare	Fodder and vegetables	Leaf , Bark , flowers			
Tree	Amla	<i>Emblica officinalis</i>	-	Sub tropical	Forests	Rare	Rare	Achar & medicines	Fruit			
Tree	Draink	<i>Melia azedarach</i>	Wild	Sub tropical	Forests	Rare	Rare	Fodder ,med	Leaf			
Herb	Pudina	<i>Mentha arvensis</i>	-	Sub tropical	Forests	Rare	Rare	medicines & chattni	Leaf			
Herb	Haldi	<i>Curcuma longa</i>	Local	Sub tropical	Forests	Rare	Rare	Masala & Med	-			
Herb	Baryan	<i>Acorus calamus</i>	Wild	Lower shivaliks	Forests	Rare	Rare	Medicines	Leaf			

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

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant type	Local Name	Scientific Name	Variety	Source of Plant/Seeds	Commercial/Non-commercial	Uses	Associated Tk	Other Details	Community/ Knowledge Holder
Ornamental Tree	Kachnar	<i>Bauhinia variegata</i>		Nurseries/Forest	Non commercial	Ornamental/ Landscaping	Used for Dysentery, Diarrhoea	Pink flowers in Summer	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Nerium	<i>Nerium oleander</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Kaner	<i>Thevetia peruviana</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Bottle Brush	<i>Callistemmon spp.</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Theraputic uses	Foilage and flowers	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Bogan Bael	<i>B.Sp & hybrids</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Hibiscus	<i>Hibiscus rosasinensis</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in fever, constipation	Flower throughout the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/	Motia	<i>Jasminum sambac</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used in Hepatitis, dysentery	Flower throughout the year	Floriculturists/ Nurserymen/ Gardeners
Herbs Seasonals	Guldopahar	<i>Portulaca grandiflora</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Antioxidant, antibacterial	Summer annual flower	Floriculturists/ Nurserymen/ Gardeners
Pot Plants	Agave	<i>Agave angustifolia</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Traditional medicines	Succulent	Floriculturists/ Nurserymen/ Gardeners
Pot Plants	Thur	<i>Cactus spp</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Folk medicines	Thorny succulents	Floriculturists/ Nurserymen/ Gardeners
Plant	Rose	<i>Rosa sp.</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Medicines & Decorations	Every kinds of flower	-
Plant	Raat ki rani	<i>cestrum nocturnum</i>		Nurseries	Non commercial	Ornamental/ Landscaping	-	-	-

Climber	Kareer	<i>Rosa Acicularis</i>		Forests	Non commercial	-	Decoration	-	-
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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	Deodar	<i>Cedrus deodara</i>	Sub-tropical	Nil	Rare	Wild	Timber, Deodar, oil, oxygen, 24 hr	Own use	-	-
Timber	Tali	<i>Dalbergia sissoo</i>	Sub-tropical	Rare	Rare	Garden/Nursery	Feeding for insect	Own use	-	-
Timber	Tuni	<i>Toona ciliata</i>	Sub-tropical	Rare	Rare	Wild	Own	Own use	-	-
Trees	Kau	<i>Olea cuspidata</i>	Sub-tropical	Rare	Rare	Wild	own	Own use	-	-
Trees	Kiker	<i>Acacia Nilotica</i>	Sub-tropical	Rare	Rare	Wild	own	Own use	-	-
Trees	Banj	<i>Quercus incana</i>	Sub-tropical	Rare	Rare	Wild	Own	Own use	-	-
Trees	Popular	<i>Populus ciliata</i>	Sub-tropical	Rare	Rare	Wild	own	Own use	-	-
Trees	Safeda	<i>Eucalyptus spp.</i>	Sub-tropical	Rare	Rare	Wild	commercial	Own use	-	-
Tree	Draink	<i>Melia azedarach</i>	Sub-tropical	Rare	Rare	Wild	Wood used for Furniture	Own use	-	-
Trees	Simbal	<i>Bombax ceiba</i>	Sub-tropical	Rare	Rare	Wild	Own	Own use	-	-
Trees	Karal	<i>Bauhinia variegata</i>	Sub-tropical	Rare	Rare	Wild	own	Own use	-	-

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					
Sheep	Bhed	<i>Ovis aries</i>	Local	small size, rough coat	Flock rearing	Least concern	Least concern	mutton, wool, manure	Yes	Yes	Bones, skin and gutt	Locals and nomads
Sheep	Bhed	<i>Ovis aries</i>	Rambouillet cross	large size, fine wool	do	do	do	do	do	do	do	do
Goat	Bakri	<i>Capra hirus</i>	Local	small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hair,manure	do	do	do	do
Goat	do	do	Beetal	large size, high body weight	do	do	do	do	do	do	do	do
Goat	do	do	Kaghani	do	do	do	do	do	do	do	do	do
Cow	Gaay	<i>Bosindicus</i>	Local	good quality milk	domesticated	available	available	Milk & Cow dung	Milk good for brain	Least	Ghee, curd,Butter, kaladi,cheese	Local
Buffalo	Bhains	<i>Bubblous bubalis</i>		best quality milk	domesticated	available	available	Milk & Cow dung	Ploughing	Least	Ploughing, carting	Local

ox	Bail	<i>Bos spp</i>	Desi, punjabi	Ploughing	domesticated	available	available	plothing & Carriage		Least	no	Local
Dog	Kutta	<i>Canis lupus</i>	local	Pet	domesticated	available	available	Guardening	N/A	Least	-	Local
Horse/Mule/Donkey	Ghoda /Khacher/ Khotta	<i>Equine Spp</i>	Local /hybrid	Pet	domesticated	available	available	Carriage /cart pulling		no	no	
Cat	Billi	<i>Felis Spp</i>	Local	pet	Free rearing	less	less	To reduce the rats in fields & houses			no	
Poultry	Kukad	<i>Galur Spp</i>	Local	Enriched meat flavour	Multi colours, White etc	abundant	decreased	Egg/meat	nil	no	Egg/meat	
	Farmi Kukad		Chabro	Good eagger	backyard	very few	increased	Egg/meat	nil	no	Egg/meat	
	Broiler		Hybrid	White in colour	Deep litter	very few	increased	only meat	nil	yes	only meat	

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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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					
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Sub -tropical	Available	Own Use	Fruits	Used in Gastro Probleme	Medicinal Use	Self observed
Tree	Chilla	<i>Casaria tomentosa</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Koakoa	<i>Flacourita indica</i>	Tree	Sub -tropical	Available	Own Use	Fruits			Self observed
Tree	Garna	<i>Carissa spinarum</i>	Shrubs	Sub -tropical	Available	Own Use	Fruits			Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub -tropical	Available	Own Use	fruits/wood	Used for Diabetes		Self observed
Tree	Kambal	<i>Lannea coromandlica</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Kamla	<i>Mallotus philippennis</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Kodh	<i>Aloe barbadence</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Lucenia	<i>Leucaenia spp</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	panasara	<i>Wendlandia spp</i>	Tree	Sub -tropical	Available	Own Use	leaf and wood			Self observed
Tree	Reetha	<i>Sapindus mukortossi</i>	Tree	Sub -tropical	Available	Own Use	Fruits and wood			Self observed
Tree	Santa	<i>Dodonae viscosa</i>	Shurbs	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	sarri	<i>Albezzia spp</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed

Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Talli	<i>Dalbergia sissoo</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Balugar	<i>Bauhinia vahili</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Chuindi	<i>Xylosma lingifolium</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	doss/sanam	<i>Colebrookea oppositifolia</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Khini	<i>Ficus hispida</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Kral	<i>Bauhinia vahili</i>	Tree	Sub -tropical	Available	Own Use	Leaves/Flowers			Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Draink	<i>Melia azadirach</i>	Tree	Sub -tropical	Available	Own Use	Leaves/Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub -tropical	Available	Own Use	Fruits/Wood			Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Chamar sama	<i>Holoptelea integrifolia</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub -tropical	Available	Own Use	Wood			Self observed
Tree	Branked	<i>Justicia adhatoda</i>	Shrubs	Sub -tropical	Available	Own Use	Leaves			Self observed
Tree	Khar	<i>Saccharum</i>	Tree	Sub -tropical	Available	Own Use	Leaves			Self observed
Tree	Gangara		Tree	Sub -tropical	Available	Own Use	Wood			Self observed

Tree	Khajoor		Tree	Sub -tropical	Available	Own Use	Wood			Self observed
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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	Kikkar	<i>Acacia nilotia</i>	Wild	Social and Economic	Available
2	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
3	safed Siris	<i>Albizzia procera</i>	Wild	Social and Economic	Available
4	kala siris	<i>Albizzia lebbek</i>	Wild	Social and Economic	Available
5	Kuad Gandal	<i>Aloe barbandensis</i>	Wild	Social and Economic	Available
6	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
7	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
8	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
9	bamboo	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available
10	kachnar	<i>Bahunia variegata</i>	Wild	Social and Economic	Available
11	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
12	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
13	Aajan Grass	<i>Cenchrus cillaris</i>	Wild	Social and Economic	Available

14	Brahmi Buti	<i>Centella asiatica</i>	Wild	Social and Economic	Available
15	Shudri	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
16	amer Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
17	Barna	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
18	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
19	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
20	Baans	<i>Dendrocalmus</i>	Wild	Social and Economic	Available
21	palain	<i>Debdrocalamus annulatum</i>	Wild	Social and Economic	Available
22	Kalu Grass	<i>dicliptera bupleuroides</i>	Wild	Social and Economic	Available
23	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
24		<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
25		<i>Dicliptera bupleurooides</i>	Wild	Social and Economic	Available
26		<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
27	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
28	duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available
29	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
30	Dhol Dhak	<i>Erythrina suberosa</i>	Wild	Social and Economic	Available

31	pangara	<i>Erythrina variegata</i>	Wild	Social and Economic	Available
32	safeda	<i>Ecalyptus teretcornis</i>	Wild	Social and Economic	Available
33	Hybrid safeda	<i>Eulaliopsis binata</i>	Wild	Social and Economic	Available
34	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
35	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available
36	Peepal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
37	Kakoa	<i>Flacourtia indica</i>	Wild	Social and Economic	Available
38	Lamb Grass	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
39	Kharpoway	<i>Gompherna celosiooides</i>	Wild	Social and Economic	Available
40	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
41	Kanphuta	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available
42	Bhattani	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
43	Chameli	<i>jasminum officinale</i>	Wild	Social and Economic	Available
44	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
45	Kemal	<i>lannea coromandelica</i>	Wild	Social and Economic	Available
46	kamila	<i>mallotus philippensis</i>	Wild	Social and Economic	Available
47	Aam	<i>Magnifera indica</i>	Wild	Social and Economic	Available

48	drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
49	Kua	<i>Loea europaea</i>	Wild	Social and Economic	Available
50	Chitter	<i>Cuspidata</i>	Wild	Social and Economic	Available
51	Congress grass	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
52	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
53	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
54	Kahjoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
55	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
56	Jojra	<i>Puplia lappacea</i>	Wild	Social and Economic	Available
57	basant panchmi	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available
58	Dhai	<i>Woodfordia fruticosa</i>			
59	Galo	<i>Tinospora cordifolia</i>		Medicinal	Abundant
60	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
61	Ankhra, Khedi	<i>Desmodium gangeticum</i>			
62	Kartyadi, Karyad	<i>Bauhinia racemosa</i>			
63	Shadder	<i>Urtica dioica</i>	Local	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Abundant
64	Kali Shadder	<i>Girardinia heterophylla</i>			

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				
Barrain	Acorus calamns									
Akk	Ipomea carnea									
Kachalu	Colo casia spps									
Dhan ki Badi vala Saag	Hydrilla spp									
Shadami	marsilea spp									

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

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		Uses	Part used	Associated TK	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Tree	Phulai or fly	<i>Acacia modesta</i>	Wild	Sub-Tropical	Available	Available					
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-Tropical	Available	Available					
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-Tropical	Available	Available					
Tree	Simbal	<i>Bambax ceiba</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinosa</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub-Tropical	Available	Available					
Tree	Khajoor	<i>Phoenix sylvestris</i>	Wild	Sub-Tropical	Available	Available					
Tree	amla	<i>Phyllanthus emblica</i>	Wild	Sub-Tropical	Available	Available					

Tree	reetha	<i>sapindus mukorossi</i>	Wild	Sub-Tropical	Available	Available					
Tree	Jamun	<i>Syzygium cumini</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-Tropical	Available	Available					
Shrub	Brainkad	<i>Adhadoda vasica</i>	Wild	Sub-Tropical	Plenty	Plenty	Medicinal and traditional	Stem, flower and leaves	Treatment of bronchitis, cough and cold	Own use	
Tree	Kakad-Singhi	<i>Pistacia khinjuk</i>	Wild	Sub-Tropical	Rare	Rare	Fodder & Medicines		nil	nil	
Tree	Chir	<i>Pinus roxburghi</i>	Wild	Sub-Tropical	Plenty	Plenty	Risen, Medicines, timber		Stem, needles, cones, Resin etc	-	
	Kembhu		Wild	Sub-Tropical	Plenty	Plenty	Roots for rison				
Climber	Geloy	<i>Tinospora cardifolia</i>	Wild	Sub-Tropical	Plenty	Plenty	Whole plant	Stem, branches	Used to treat diabetics, hifh colestrol, allergy, upset stomach, gout	Own use	
Tree	Trimbal	<i>Ficus auriculata</i>	Wild	Sub-Tropical	Plenty	Plenty	Fodder & Medicines , fruit		nil	nil	
Herbs	Banfsha	<i>Viola odorata</i>	Wild	Sub-Tropical	Plenty	Plenty	-		nil	nil	
Herb	Gucchi	<i>Morchella esculenta</i>	Wild	Sub-Tropical	Available	Available	Medicinal	Whole part	Treatment of indigestion, phlegm coup, shortness of breath	Market value	

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>	Chaleri	Sub-Tropical	Available	Available	Vegitable	Leaves			
Jangli Putna	<i>Mentha arvensis</i>	Pudina Foara	Sub-Tropical	Available	Available	Chatni , aark	Leaves			
Kachaloo	Colocasia Esculenta	Kachaloo	Sub-Tropical	Available	Available	Vegitable	leaf & underground part			
Haldi/ Ban holder	Curcuma longa	Haldi	Sub-Tropical	Available	Available	-	-			

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8	9
Local Name	Scientific Name	Variety	Habitat	Commercial/ Non-commercial	Associated Tk	Associated Tk	Other Details	Community/ Knowledge Holder
Kachnar	<i>Bauhinia variegata</i>		Terrestrial	Non commercial	Used for Dysentery, Diarrhoea	Used for Dysentery, Diarrhoea	Pink flowers in Summer	Floriculturists/ Nurserymen/ Gardeners
Nerium	<i>Nerium oleander</i>		Terrestrial	Non commercial	Epilepsy, cancer	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Agave	<i>Agave angustifolia</i>		Terrestrial	Non commercial	Traditional medicines	Traditional medicines	Succulent	Floriculturists/ Nurserymen/ Gardeners
Madal								
Simbal	Bombax Ceiba							
Kareer	<i>Rosa Acicularis</i>							
Sulian	Cerees							
Dhai	<i>Woodfordia fruticosa</i>							
Banfsha	<i>Viola odorata</i>							

Format 29: FLORA URBAN BIODIVERSITY

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.)

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.)
Nil	Nil	Nil	Nil	Nil	Nil

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

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

End of Part II