

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : BUDHAN-A

Taluk:THUROO

District : REASI

State: J&K

Geographical Area of the Panchayat Samiti:1420 HECT.

Population under the Panchayat Samiti: Total : 2660 (as per 2011 census)

Male 1402 Female : 1258

Habitat and Topography: Hilly Area

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 26-11-2019

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

Annexure 1

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

Sarpanch 7051015425 , Budhan - A (Zareena Begum)

1)Name of the Chairperson: Mohd Aslam

Age: 31

Gender: MALE

Address: R/O Budhan

Area of specialization:

2) Name: Nasreena Banoo

Age: 28

Gender: FEMALE

Address: R/O Budhan

Area of specialization:

3)Name: Jameela

Age: 26

Gender: FEMALE

Address: R/O Budhan

Area of specialization:

4)Name: Mohd Shafi

Age: 60

Gender: MALE

Address: R/O Budhan

Area of specialization:

5)Name: Kuldeep Raj

Age: 52

Gender: MALE

Address: R/O Budhan

Area of specialization:

6)Name:Azkar ul Haq

Age: 28

Gender: Male

Address: R/O Budhan

Area of specialization:

7)Name: Shokit Ali

Age: 32

Gender: Male

Address: R/O Budhan

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: NIL

Name and Address:

3) Contact Person: NIL

Name and Address:

4) Contact Person: NIL

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. 34 Dt: 26/11/19		

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							

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 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					

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					

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

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder

Other details may include possible reasons for insects/animal attack

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.
 Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc
 How the community manages the landscapes they use for satisfying different needs, their strategies and perception
 How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			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											

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												

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 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 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 limetoides</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 vailable 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 vailable 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 vailable 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 vailable 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 vailable 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 vailable 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 vailable 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	Herb	Strawberry	<i>Fragaria ananassa</i>	Chandler	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>										
Aloe vera	Aloe vera	<i>Aloe vera</i>										

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 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	Ovis aries	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	Ovis aries	Rambouillet cross	large size, fine wool	do	do	do	do	do	do	do	do
Goat	Bakri	Capra hirus	Local	small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hair, manure	do	do	do	do
Goat	Bakri	Capra hirus	Beetal	large size, high body weight	do	do	do	do	do	do	do	do
Goat	Bakri	Capra hirus	Kaghani	do	do	do	do	do	do	do	do	do
Uses include milk, meat, skin, fur and etc												

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

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 in Gastro Problme	Medicinal Use	Self observed
Tree	Khair	<i>Accacia catechu</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits		Medicinal Use	Self observed
Tree	Bour	<i>Ficus benghalensis</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Chilla	<i>Caseria tomentosa</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood			Self observed
Tree	Amla	<i>Phyllanthus emblica</i>	Tree	Sub -tropical	Available	Available	Own Use	wood			Self observed
Tree	Koakoa	<i>Flacourita indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub -tropical	Available	Available	Own Use	leaves			Self observed
Tree	Dudaya	<i>Wrightia parvifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	leaves			Self observed
Shrub	Garna	<i>Carissa spinarum</i>	Shrubs	Sub -tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub -tropical	Available	Available	Own Use	fruits/wood	Used for Diabetes		Self observed
Tree	Kaam	<i>Mitragyna parvifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood			Self observed
Tree	Kambal	<i>Lannea coromandlica</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood			Self observed
Tree	Kamla	<i>Mallotus philippensis</i>	Tree	Sub -tropical	Available	Available	Own Use	leaf and wood			Self observed

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

Tree	Kral	<i>Bauhinia vahili</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Flowers			Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Behra	<i>Terminalia bellerica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Bilan	<i>Aegle marmelos</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Oanni	<i>Lyonia ovalifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Rumble	<i>Ficus recemosa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Draink	<i>Melia azadirach</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Wood			Self observed
Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Neem	<i>Azadirachta indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed

Tree	Plakh	<i>Ficus virens</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves/Wood			Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Chamar sama	<i>Holoptelea integrifolia</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Lasura	<i>Cordia myxa</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits/Wood			Self observed
Tree	Kassod	<i>Senna siamea</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Shrub	Branked	<i>Justicea adhatoda</i>	Shrubs	Sub -tropical	Available	Available	Own Use	Leaves			Self observed
Grass	Khar	<i>Saccharum bengalense</i>	Tree	Sub -tropical	Available	Available	Own Use	Leaves			Self observed
Tree	Imli	<i>Tamarandis indica</i>	Tree	Sub -tropical	Available	Available	Own Use	Fruits			Self observed
Tree	Cribul		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Kurri		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Narsino		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Pandal		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Rala		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Tai		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Salag		Tree	Sub -tropical	Available	Available	Own Use	Wood			Self observed
Tree	Karmroo		Tree	Sub -tropical	Available	Available	Own Use	Wood			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	Social and Economic	Available
2	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
3	Exotic Acacia	<i>Acacia farnesana</i>	Wild	Social and Economic	Available
4	Kikkar	<i>Acacia nilotia</i>	Wild	Social and Economic	Available
5	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
6	Bael	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
7	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
8	Rambana	<i>Agave americana</i>	Wild	Social and Economic	Available
9	safed Siris	<i>Albizia procera</i>	Wild	Social and Economic	Available
10	kala siris	<i>Albizia lebbeck</i>	Wild	Social and Economic	Available
11	Kuad Gandal	<i>Aloe barbandensis</i>	Wild	Social and Economic	Available
12	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
13	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
14	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
15	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
16	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
17	bamboo	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available
18		<i>Bambusa nutans</i>	Wild	Social and Economic	Available
19	Baloongar	<i>Bahunia vahlii</i>	Wild	Social and Economic	Available
20	kachnar	<i>Bahunia variegata</i>	Wild	Social and Economic	Available

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

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

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

Format 20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present				
Kamal	<i>Lotus</i>									
Barrain	<i>Acorus calamns</i>									
Akk	<i>Ipomea carnea</i>									
Narrowleaf cattail	<i>Typha angustifolia</i>									
Kolokasion	<i>Colocasia spp</i>									
Pondweed	<i>Potamogeton spp.</i>									
Waterlily	<i>Nymphea spp.</i>									
Waterhyme	<i>Hydrilla spp.</i>									
pickerel weed	<i>Monochria vaginalis</i>									
Duckweeds	<i>Lemna spp.</i>									
Alligator weed	<i>Alternanthera philoseiroides</i>									
Water clover	<i>Marsilea spp.</i>									
water hyacinth	<i>Eichornea spp.</i>									

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	Rati	<i>Abrus precatorius</i>			
2	Khair	<i>Acacia Catechu</i>			
3	Exotic acacia	<i>Acacia farnesiana</i>			
4	Phulia or fly	<i>Acacia modesta</i>			
5	Kikar	<i>Acacia nilotica</i>			
6	Parkhanda	<i>Achyranthes aspera</i>			
7	Bel	<i>Aegle marmelos</i>			
8	Nuriya	<i>Areva sanguinolents</i>			
9	Ramban	<i>agave americana</i>			
10	Kala Siris	<i>Albizia lebbek</i>			
11	Kramblu	<i>Albizia odoratissima</i>			
12	Safed siris	<i>Albizia procera</i>			
13	kaud gandal	<i>Aloe barbandensis</i>			
14	chaleri saag	<i>Amaranthus viridis</i>			
15	seski	<i>Artemisia parviflora</i>			
16	kathal	<i>Artocarpus heterophyllus</i>			
17	Nad	<i>Arundo donax</i>			
18	Neem	<i>Azadirachata indica</i>			
19	Bamboo	<i>Bambusa bambos</i>			
20	Bamboo	<i>Bambusa nutans</i>			
21	Kachnar	<i>Bauhinia purpuria</i>			

22	Baloonger	<i>Bauhinia vahlii</i>			
23	Kachnar	<i>Bauhinia variegata</i>			
24	Simbal	<i>Bambax ceiba</i>			
25	jungli toot	<i>Broussonetia papyrifera</i>			
26	Plaah	<i>Butea monosperma</i>			
27	Bhang	<i>Cannabis Sativa</i>			
28	Ganra	<i>Carissa spinosa</i>			
29	chilla	<i>Casearia tomentosa</i>			
30	Krangal	<i>Cassia fistula</i>			
31	Mainphal	<i>Catunaregum spinosa</i>			
32	aajan grass	<i>Cenchurus ciliaris</i>			
33	brahmi buti	<i>Centella asiatica</i>			
34	karun	<i>Chenopodium murale</i>			
35	khas khas	<i>Chrysopogon Zizianides</i>			
36	kapoor	<i>Cinnamomum camphora</i>			
37	bhus	<i>Cirium arvense</i>			
38	Sanali or dussa	<i>Colebrookea oppositifolia</i>			
39	Safeda	<i>Corymbia citriodora</i>			

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					
Tree	Phulai or fly	<i>Acacia modesta</i>	Wild	Sub-Tropical	Available	Available					
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub-Tropical	Available	Available					
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub-Tropical	Available	Available					
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub-Tropical	Available	Available					
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Simbal	<i>Bambax ceiba</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available					
Shrubs	Garna	<i>Carissa spinosa</i>	Wild	Sub-Tropical	Available	Available					
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Brahmi buti	<i>Centella asiatica</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Khas khas	<i>Chrysopogon zizinoides</i>	Wild	Sub-Tropical	Available	Available					

Tree	Kapoor	<i>Cinnamomum camphora</i>	Wild	Sub-Tropical	Available	Available					
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub-Tropical	Available	Available					
Tree	Rumble	<i>Ficus racemosa</i>	Wild	Sub-Tropical	Available	Available					
Tree	Toot	<i>Morus alba</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					
Tree	Imli	<i>Tamarindus indica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Arjun	<i>Terminalia arjuna</i>	Wild	Sub-Tropical	Available	Available					
Tree	Bahera	<i>Terminalia bellirica</i>	Wild	Sub-Tropical	Available	Available					
Tree	Harar	<i>Terminalia chebula</i>	Wild	Sub-Tropical	Available	Available					
Herbs	Giloe	<i>Tinospora sinensis</i>	Wild	Sub-Tropical	Available	Available					

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

Format 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>		Terrestrial	Non commercial	Used for Dysentry, Diarrhoea	Pink flowers in Summer	Floriculturists/Nurserymen/ Gardeners
Nerium	<i>Nerium oleander</i>		Terrestrial	Non commercial	Epiplepsy, cancer	Avenue plantation	Floriculturists/Nurserymen/ Gardeners
Kaner	<i>Thevetia peruviana</i>		Terrestrial	Non commercial	Fevers	Flower most of the year	Floriculturists/Nurserymen/ Gardeners
Bottle Brush	<i>Callistemmon spp.</i>		Terrestrial	Non commercial	Theraputic uses	Foilage and flowers	Floriculturists/Nurserymen/ Gardeners
Bogan Bael	<i>Aegle marmelos & hybrids</i>		Terrestrial	Non commercial	Antidiabetic, antiinflammatory	Multicoloured flowers	Floriculturists/Nurserymen/ Gardeners
Agave	<i>Agave angustifolia</i>		Terrestrial	Non commercial	Traditional medicines	Succulent	Floriculturists/Nurserymen/ Gardeners
Thur	<i>Cactus spp</i>		Terrestrial	Non commercial	Folk medicines	Thorny succulents	Floriculturists/Nurserymen/ Gardeners
			Subtropical				

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	
2.	Gulab	<i>Rosa spp.</i>	Herbs Seasonals	Terrestrial/Subtropical	Perennial flower	Common	
3.	Guldaudi	<i>Chrysanthemum spp.</i>	Herbs Seasonals	Terrestrial/Subtropical	Winter flower	Common	
4.	Guldopahar	<i>Portulaca grandiflora</i>	Herbs Seasonals	Terrestrial/Subtropical	Summer flower	Common	
5.	Dalia	<i>Dahlia pinnata</i>	Herbs Seasonals	Terrestrial/Subtropical	Winter annual flower	Common	

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>	Mammal	Terrestrial	Common
2	Jersey.	<i>Bos taurus</i>	Mammal	Terrestrial	Common
3	Holstein Friesian	<i>Bos taurus</i>	Mammal	Terrestrial	Common
4	Buffalo.	<i>Bubalus bubalis</i>	Mammal	Terrestrial	Common
5	Poultry Birds.	<i>Gallus domestius.</i>	Mammal	Terrestrial/Arial	Common

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