

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Badyal Quazian
Taluk: SUCHETGARH
District:Jammu
State/UT: J&K
Geographical Area of the Panchayat Samiti: Plain (353.89HECTRES)
Population under the Panchayat Samiti:3648
Male 1846 FEMALE - 1702
Habitat and Topography:Subtropical
Climate (Rainfall, Temperature and weather patterns): Temp.= 39°C in summer & 9°C in winter
Land Use (Nine fold classification available with village records) :Agri. Area=282.5 ha & Non- agri. Area= 2 ha
Date, Month and Year of PBR Preparation: 22.06.2022
Management Regime: Reserve Forest (RF)/Joint Forest Management(JFM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM) nil

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:jangi lal

Age: 64years

Gender: male

Address: R/obadyal qazian

Area of specialization: panchayati raj

2) bhadur chand

Age:55

Gender: Male

Address: R/o badyal

Area of specialization:

3)Name:neirmal kumari

Age: 45

Gender: Female

Address: R/o.badyal

Area of specialization

4)Name:madhu bala

Age: 28 yrs

Gender:f

Address: R/o.badyal qazin

Area of specialization:

5)Name: joginder

Age: 40 Years

Gender:Male

Address: R/obadyal qazian

Area of specialization:

6)Name: hans raj

Age: 42 Yr.

Gender: male

Address: R/o. badyal

Area of specialization: agriculture

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:female
Address:
Area of specialization: heath care
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name:
Age:
female
Address:pindi
Area of specialization: child care
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:

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: mohinder lal

Age:70 Yr.

Gender: Male

Address:badyal qazian

Area of specialization: agriculture

2) Name of the Chairperson: Rajinder kumar

Age:36

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:

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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: sant ram r/o lashi ram

Name and Address: badyal

2) Contact Person:

Name and Address:

3) Contact Person:r/o

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 f

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
	-	-	-

End of Part I

Fee imposed and details of the benefit derived and the mode of their sharing

Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
-	-

Format 1: Crop Plants

S.No	Crop	Scientific Name	Local Name	Description of the variety	Landscape / Habitat	Approx. Area sown(ha)	Local status		Special features	Uses	Associated TK	Other details	Cropping Season	Source of Seeds / Plants	Community / Known. Holder
							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/ Privaate Suppliers	Farmers
				Basmati 1121/(Coarse K39 K434 Rattana & Long duration)			Normal	Normal	Medium tall Coarse Grains						
3	Moong	<i>Vigna radiata</i>	Moong	PDM-54	Hot / Humid of Sub tropical region Warm / Humid		Normal	Rare	Medium	Food	Source of Vegetable Protein	Also suitable for green Manuring	Summer/Kharif	Farmers / Department/ Privaate Suppliers	Farmers
				SML-668			Normal	Plenty	High yielding Variety						
				IPM-0203			Normal	Rare	Excessive vegetative growth						
4	Mash	<i>Vigna mungo</i>	Mhaa	PU-19	Humid of Sub tropical region		Normal	Normal	High yielding Variety	Food	Source of Vegetable Protein	-	Summer/Kharif	Farmers / Department/ Privaate Suppliers	Farmers
				Utra			Normal	Normal	Tall & low Yielding variety						
5	Bajra	<i>Pennisetum americanum</i>	Bajra	Local Variety MHB-110	Humid climate under Sandy loam		Normal	Normal	Tall & low Yielding variety	Food & Fodder	Source of Energy	-	Kharif (May to October)	Farmers / Department/ Privaate Suppliers	Farmers
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/ Privaate Suppliers	Farmers
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/ Privaate Suppliers	Farmers
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/ Privaate Suppliers	Farmers
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/ Privaate Suppliers	Farmers
10	Onion	<i>Allium cepa</i>	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas		Abundant	Abundant	Bulbs Cash Crop	Vegetab gles	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Privaate 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/ Privaate Suppliers	Farmers

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	Farmers
15	Toria	<i>Brassica jrape 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	Farmers
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	Farmers
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	Farmers
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	Farmers
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	Farmers
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	Farmers
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	Farmers

23	Bitter gourd	<i>Momordica charantia</i>	karela	Pusa Domausmi/Kundan	Warm and Humid climate
24	Beans	<i>Phaseolus Spp.</i>	Phaliya	Contender	Cool weather crop/Sandy/l oamy soil
25	Cauliflower	<i>Brassica oleraceae var.botrytis</i>	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate
26	Cabbage	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate
27	Knol khol	<i>Brassica oleraceae var.gongyloides</i>	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical
28	Spanich	<i>Beta vulgaris</i>	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils
29	Radish	<i>Raphanus sativus</i>	Mulli	Japanes White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils
30	Carrot	<i>Daucus carota</i>	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical&intermedite
31	Turnip	<i>Brassica rapa</i>	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&intermedite

Abundant	Abundant	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/kharif	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,Vitamin eB1,B2<B6 and Maganese	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	White and tender head ,curdformed from shortened flower part	Curd Mainly used as vegetable	-	Also good source of protein,carbohy drate,phosphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Round head withlight to dark green colour	Head Mainly used as vegetable,sal ad	-	Also good source of protein,carbohy drate,phosphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Swollen stem ,grrn/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
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/ Privaate Suppliers	Farmers
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	Farmers
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	Farmers
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	Farmers

32	Exocitic Vegetables	<i>Broccoli// Chines Cabbage / Capsicum etc.</i>		Prevalent Hybrid varieties	Cool &moist climate/sub tropical&intermedite		Rare	Abundant	All Plants Carrots and Fruits are eadable Ric Source of antioxidants	Salad and Vegetable		Ric Source of Multivitamins, Minierals and Antioxidents	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
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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					
Barseem	<i>Trifolium alexandrinum</i>	Chhatala	Annual	Abundant	Abundant	Farmers / Department/ Private Suppliers	Nutritious & palatable fodder, Source of energy for animals	Entire Plant	Fodder	Farmers
Oats	<i>Avena spp.</i>	Javi	Annual	Abundant	Abundant		Nutritious & palatable fodder,	Above ground part of plant	Fodder	Farmers
Sorghum	<i>Sorghum spp.</i>	cherri	Annual	Abundant	Abundant	Farmers / Department/ Private Suppliers	Source of energy	Above ground part of plant	Fodder	Farmers
Maize	<i>Zea mays</i>	Makki	Annual	Abundant	Abundant		Source of energy	Above ground part of plant	Food & fodder	Farmers
Bajra	<i>Pennisetium americanum</i>	Bajra	Annual	Abundant	Normal	Farmers / Department/ Private Suppliers	Source of energy	Above ground part of plant	Food & fodder	Farmers
Cowpea	<i>Vigna unguiculata</i>	Pongi	Annual	Abundant	Normal		Kharif Legume with high protein	Above ground part of plant	Fodder	Farmers

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 04 Weeds

1 S. No.	2 Plant	3 Scientific Name	4 Local Name	5 Affected Crop	6 Habit	7 Landscape/ Habitat	8 Local Status		9 Uses if any	10 Management options	11 Associated TK	12 Other details	13 Community Kn. Holders
							Past	Present					
1	Pig Weed	<i>Amaranthus viridis</i>	Jangli Choulai	Rice, Maize & sugarcane	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein & amino acid	Also Used as medicinal herb	Farmers
2	Lamb's quarters	<i>Chenopodium album</i>	Bathua/Kanah/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein, Vit. A, Calcium, Phosphorous & potash	Annual feed & fermentation of Beverages	Farmers
3	Nut Grass	<i>Cyperus rotundus</i>	Dilla/Motha	Paddy, maize, sugarcane, vegetable	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Traditionally used as medicine	Farmers
4	Barnyard Grass	<i>Echinochloa crusgalli</i>	Swank	Paddy	Annual	Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers
5	Carrot grass	<i>Parthenum hysterophorus</i>	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Abnoxious weed difficult to manage		Farmers
6	Bur Clover	<i>Medicago denticulata</i>	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Normal	Normal	Fodder, vegetable & green manure	Mechanical, Chemical	Nil	Improves Soil fertility	Farmers
7	Canary Grass	<i>Phalaris minor</i>	Sitti/gilli danda	Wheat Grass Peas, mustard	annual	Agri. Land	Abundant	Abundant	Fodder & forage	Mechanical, Chemical	Source for High quality protein	Agri. Land	Farmers
8	Meadow Pea	<i>Lathyrus aphaca</i>	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Agri. Land	Farmers
9	Canada Thistle	<i>Cirsium arvense</i>	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
10	Bang	<i>Cannabis indica</i>	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
3	wild onion	<i>Allium humaie humile</i>	Jangli payas	Onion	Annual herb	Temprate/sub tropical	Rare	Rare	Food and medicine	All parts used	-	-	Farmers

Format-5

Pest of Crops

Serial No.	PBR ID	Host	Animal	Scientific name	Local Name	Landscape/ Habitat	Time Attack	Management	Associated TK	Other Details	Community	Images
		Mango	Insects	<i>Amritous Atkinsoni</i>	Tella	Field/orchard	Feb-April	Pesticide Pruning	Discourage HDP			
		Mango	Insects	<i>Drosicha Magiferae</i>	Mealey Bug	Orchard	Feb Onwards	Pesticide, Basin Making	Hand Picking			
		Citrus	Insects	<i>Paapilio Ledmoteus</i>	Caterpillar	Orchard/Field	April- May & Aug.- Oct.	Pesticides, Other Cultural Methods	Smoking Bagging Dispose Off			
		Citrus	Insects	<i>Euodocina Fullonia</i>	Sucking Moth	Orchard/Field	Maturity Stage	Pesticides Orchard Sanitization				
		Litchi	Insects	<i>Gatesclarkeana Erotias</i>	Fruit Nut birer	Orchard/Field	At pea stage	Pesticides, Basin Making Ploughing				
		Guava	Insects	<i>Bactrocera Dorsalis</i>	Fruit Fly	Orchard/Field	Maturity Stage	Pesticides, Fruit Fly trape				
		Aonla	Insects	<i>Phyllanthus Emblica</i>	Gall Maker	Orchard/Field	Feb Onwards	Pesticides Pruning	Destroy infected Shoots			
8		Wheat	insects	<i>Puccinia stiriiformis</i>	yellow rust	Field		pesticides				

Format 7: Peoplescape

1	2	3	4	5	6
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices
SC, OBC, OC, Population3610	Agriculture dairiy labour	labour	Agri landscape dairy	Water milk	Satsifying different needs water traditinal approach

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, service

Major resources accessed could be agriculture resources of different nature

How the community manages the landscapes they use for satisfying different n

How the community manages the resources they access for satisfying different needs,

7	8	9	10	11
Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Satisfied	Mix	Average	Average	710

Examples of depending landscapes are agriculture landscape, rivers, forest etc.
, fish, birds, water, mud, and etc
eeds, their strategies and perception
their strategies and perception, conflicts etc

1			2	3	4
Major Landscapes			Sub - Landscapes	Feature s and approx. area	Ownershi p
Agricultur al land	Pon d	Fallo w land			
Plains & kandi area			Plains	flat sweeping landmass with small change in elevation	Private and State lands
					Nil

Provide a brief description of landscape

Format 8: Landscape

5	6	7	8	9	10	11
General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details
Broad leaved mainly Tali, Phagari, Beri, Plah, Jamun, Aamb, Amla, Kikar, Bodr, Drenk	Public as well as Pvt. And Govt. also		Aesthetic and scenic beauty in urban areas			

es such as forests, plantations, cultivated land, estuary, pond, lake or other elements

Format 9: Waterscape

1	2	3	4	5	6	7	8
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups
Ponds			State land and Private land	Brankad, Bori neenal and Khun	Frogs, Fishes, Snakes, Snail	Cloths, Irrigation	Public
Streams			State land and Private land	Khar Grass, Panipbuli Jari	Frogs, Fishes, Snakes, Snail	Cloths, Irrigation	Public
Tube well			State land and Private land			Cloths, Irrigation	Public
Canal			Nil	Nil	Nil	Nil	Nil

Examples: Ponds, Streams, Rivers, Lake, Canal, Tube well

9	10	11	12	13
Management practices	General uses	Associated TK	Other details	Community accessed

ewell, Dug well etc.,

Format 10 Soil Type Block Suchetgarh Panchaya

S.No.	Soil	Type	Colour	Features	Soil management
1	Sandy Loam	Type B	Soft Dark	Large particle size, Water drains Rapedily	Add compost, humus, Green Manuring, Decomposed manure etc improves soil quality for better plant growth
2	Clay Loam	Type A	Light yellow to raddish colour	Small particles size, Texture dense and compact, retains water and nutrition	Provide good drainage, add organic manure in the form of compost or humus

at Badyal Qazian (District Jammu)

Plants/Crop Suitable	Flora and Fauna	Associated TK	Other Information
Beans, Tomato, Potato, Cucumber, onion, eggplants, carrot, Spinach etc.	Succulants like cacti, Lambs ear, etc.	-	Genrally not suitable for plants which need lot of water
Plants/Crop Suitable	Ornamental Plants/ grasses, plants with evergreen leaves, colourful Berries	-	Soil is good for wild varieties of crops, however drainage is a problem

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

1 Plant Type	2 Local Name	3 Scientific Name	4 Variety	5 Landscape/ Habitat	6 Source of plant/seeds	7 Local status		8 Uses (usage)	9 Part used	10 Associated TK	11 Other details market/own use	12 Community/ Know. Holders
						Past	Present					
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower Shiwalik/Temp crate area	Stem/Seed	Abundant	Abundant	Medicinal	Leaves	N.A	N.A	Generally held by community
Herbs	Bhang	<i>Canabis sativa</i>		Lower Shiwalik	Seed	Abundant	Abundant		Medicinal	Leaves	N.A	N.A
Tree	Jamun	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	Medicinal	Leaves/ Fruit	N.A	N.A	Generally held by community
Holy Basil	Tulsi	<i>Ocimum tenuiflorum</i>		lower shiwalik		Abundant	Abundant	Antioxidant				
Aloe vera	Aloe vera	<i>Aloe barbadensis</i>		lower shiwalik		Abundant	Abundant	Antibacterial				
Climber	Giloe	<i>Tinospora cordifolia</i>		lower shiwalik		Good	good					

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

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

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	Santha	<i>Dodonaea viscosa</i>	Shrub	Firewood	Good
2	Kanner/Lal Gandila	<i>Nerium indicum</i>	Shrub		Good
6	Exotic Acacia	<i>Acacia farnesana</i>	Wild	Social and Economic	Available
7	Kikkar	<i>Acacia nilotia</i>	Wild	Social and Economic	Available
8	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
9	bamboo	<i>Bambusa bamboos</i>	Wild	Social and Economic	Available

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	Amla	<i>Emblica officinalis</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Krangal	<i>Cassia fistula</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Pod	-	-
Tree	Jamun	<i>Syzygium cumini</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Neem	<i>Azadirachata indica</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	-
Herbs	Bhang	<i>Cannabis sativa</i>	Wild	Sub-Tropical	Available	Available		treats anxiety	leaves		
Climber	Giloe	<i>Tinospora cordifolia</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Stem		

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/Non-Commercial Uses	Associated TK	Any other Detail	Community/Knowledge Holder
Lal Gandila	<i>Nerium oleander</i>	Shrub	Farm land	-	-	-	-
Kaneer	<i>Thevetia peruviana</i>	Tree	Farm land	-	-	-	-
Bougainvillea	<i>Bougainvillea glabra</i>	Shrub	Farm land	-	-	-	-
Gulmohar	<i>Delonix regia</i>	Tree	Farm land	-	-	-	-
Krangal	<i>Cassia fistula</i>	Tree	Farm land	-	-	-	-
Hibiscus	<i>Hibiscus rosasinensis</i>	Tree	Nurseries	Non commercial			

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					
Herb	Pudina	<i>Mentha arvensis</i>		Farm lands	good	Abundant	Spice	leaves			
Herb	Buch	<i>Acorus calamus</i>		Farm lands	good	good	medicinal	roots			
Tree	Imli	<i>Tamarindus indica</i>		Sub-Tropical	good		medicinal	fruit			
Shrub	Tulsi	<i>Ocimum sanctum</i>		Sub-Tropical	good	Abundant	ayurvedic medicines	leaves			

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>	Farmlands	Good	Good	Commercial/ own use		Timber/ Firewood	-
Ber	<i>Ziziphus jujuba</i>	Farmlands	Good	Moderate	Commercial/ own use		Timber/ Firewood	-
Jamun	<i>Syzygium cumini</i>	Farmlands	Good	Moderate	Commercial/ own use		Timber/ Firewood	-
Safeda	<i>Corymbia citriodora</i>	Subtropical/ Tropical	Rare	good	Commercial/ own use		Timber/ Firewood	
Khair	<i>Acacia catechu</i>	Subtropical/ Tropical	Plenty	Plenty	Wood contains catechin and tannin		Timber/ Firewood	
Peepal	<i>Ficus religiosa</i>	Subtropical/ Tropical	Plenty	Plenty	Commercial/ own use		Timber/ Firewood	

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

1	2	3	4	5	6	7		8	9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local status		Uses ,if any	Associated TK	Other Details	Community Knowledge Holder
						Past	Present				
Wild Animal	Squirrels	<i>Sciuridae</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Pig	<i>Sus domesticus</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Jackal	<i>Canis aureus</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Sparow	<i>Passer domesticus</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Crow	<i>Corvus splendens</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Pigeon	<i>Columba livia</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Bee	<i>Apis mellifera</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Butterfly	<i>Rhopalocera spp.</i>	Farmland	-	-	Good	Good	-	-	-	-
Wild Animal	Frog	<i>Anura spp.</i>	Farmland	-	-	Good	Good	-	-	-	-

Format 29: Flora

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
1	Kikar	<i>Acacia nilotica</i>	Broad leaved	Sub-Tropical	Summer	Common
2	mango	<i>Mangifera indica</i>	Broad leaved	Sub-Tropical	Summer	Common
3	Safeda	<i>Eucalyptus sapp.</i>	Broad leaved	Sub-Tropical	Summer	Common
4	Sree	<i>Albizzia lebbeck</i>	Broad leaved	Sub-Tropical	Summer	Common
5	Talli	<i>Dalbergia sissoo</i>	Broad leaved	Sub-Tropical	Summer	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>Bas taurus</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 aegagrus</i>	Mammels	Terrestrial	Common
5	Sparow	<i>Passer domesticus</i>	Birds	Terrestrial	Common
6	Crow	<i>Corvius splendens</i>	Birds	Terrestrial	Common
7	Pigon	<i>Columba livia</i>	Birds	Terrestrial	Common
8	Peacock	<i>Pavo cristatus</i>	Birds	Terrestrial	Common
9	Ant	<i>Tapioma sessile</i>	Insects	Terrestrial	Common
10	Bee	<i>Apis crana indica</i>	Insects	Terrestrial	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

End of Part II