

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Panjtoot
Taluk: Samwan
District: Jammu
State/UT: J&K
Geographical Area of the Panchayat Samiti: 746.25Hect
Population under the Panchayat Samiti: 3342
Male: 1692 Female: 1650
Habitat and Topography: Plane (40%) + Kandi (60%)
Climate (Rainfall, Temperature and weather patterns): Moderate
Land Use (Nine fold classification available with village records) : Crops , Vegetables
Date, Month and Year of PBR Preparation: 19-02-2021
Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Annexure 1

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

1)Name of the Chairperson:Joginder Singh S/O Kartar Singh

Age: 57 years

Gender: Male

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Labourer

2) Name: Swarno Devi W/O Ghanishyan

Age: 55

Gender: Female

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Housewife

3)Name: Seema Devi W/O Tarsem Singh

Age: 35

Gender: Female

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Housewife

4)Name: Babu Ram S/O Nand Ram

Age:58

Gender: Male

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Ex. Serviceman

5)Name: Madan Lal S/O Daya Ram

Age: 65 Years

Gender:Male

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Labourer

6)Name: Kuldeep Raj S/O Daya Ram

Age: 56 Yr.

Gender: Male

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Labourer

7)Name: Bharat Sharma S/O Krishan Lal

Age:48 Year

Gender: Male

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Labourer

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 : Rampal s/o Ram Krishnan

Age: 57

Gender: Male

Address: R/o.Panjtoot, Teh Khour Jammu 181204

Area of specialization: Stone

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

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: Umesh Khaujira

Age: 35 Yr.

Gender: Male

Address: Pahriwala

Area of specialization: FOREST

2) Name of the Chairperson: Arun Kumar

Age:45

Gender:Male

Adress Panjtoot

Area of specialization:Teacher

3) Name of the Chairperson: Joginder Kumar s/o Lal Chand

Age: 35 Yr.

Gender: Male

Address: Panjtoot

Area of specialization: Fishery

4) Name of the Chairperson: Balwan Singh

Age: 60+

Gender: Male

Address: Panjtoot

Area of specialization: Agriculture

Annexure 4

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

1) Contact Person:

Name and Address: Suram Chand Panjtoot

2) Contact Person:

Name and Address:

3) Contact Person:

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
Nil	Nil	Nil	Nil	Nil	Nil

End of Part I

Format 1 Crop Plants

S.No	Crop	Scientific Name	Local Name	Description of the variety	Landscape / Habitat	Local status		Special features	Uses	Associated TK	Other details	Cropping Season	Source of Seeds / Plants	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/ Private Suppliers	Farmers
				Basmati 1121/(Coarse K39 K434 Rattana & Long duration)		Normal	Normal	Medium tall Coarse Grains						
2	Maize	<i>Zea mays</i>	Maka	Dekalb double	Sub tropical / Upland	Rare	Plenty	Tall, high yielding with yellow in colour)	Food & Fodder	Provides energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers	Farmers
				K-517		Plenty	Rare	Average tall with yellow in colour						
				Ujala		Normal	Plenty							
				K-612		Plenty	Normal							
				Pro Agro-4794		Plenty	Normal	Tall, high yielding with yellow in colour)						
3	Moong	<i>Vigna radiata</i>	Moong	PDM-54	Hot / Humid of Sub tropical region	Normal	Rare	Medium	Food	Source of Vegetable Protein	Also suitable for green Manuring	Summer/Kharif	Farmers / Department/ Private Suppliers	Farmers
				SML-668		Normal	Plenty	High yielding Variety						
				IPM-0203		Normal	Rare	Excessive vegetative growth						
4	Mash	<i>Vigna mungo</i>	Mhaa	PU-19	Warm / Humid of Sub tropical region	Normal	Normal	High yielding Variety	Food	Source of Vegetable Protein	-	Summer/Kharif	Farmers / Department/ Private Suppliers	Farmers
				Utra		Normal	Normal							
5	Bajra	<i>Pennisetum americanum</i>	Bajra	Local Variety	Warm / Humid climate under Sandy loam Soil	Normal	Normal	Tall & low Yielding variety	Food & Fodder	Source of Energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers	Farmers
				MHB-110		Normal	Normal							
6	Wheat	<i>Triticum aestivum</i>	Kanak	HD2967,PBW644	Cool Climate during early part of its growth	Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Bread making	Rabi	Farmers / Department/ Private Suppliers	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/ Private Suppliers	Farmers
8	Peas	<i>Pisum sativum</i>	Matar	Rachna	Cool & dry	Normal	Normal	Early maturing & High yielding	Food	Source of Protein/Energy	Used as Vegetable	Rabi	Farmers / Department/ Private Suppliers	Farmers

9	Onion	<i>Allium cepa</i>	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas	Abundant	Abundant	Bulbs Cash Crop	Vegetables	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Private Suppliers	
10	Mustard	<i>Brassica juncea</i>	Sarson	Pusa Bold/ KOS -1	Cool & dry	Normal	Normal	Matures in 145-150 days with 40-42 % oil content	oil for Food	Source of energy i	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Private Suppliers	Farmers
11	Gobhi Sarson	<i>Brassica napus</i>	Gobhi Saria	GSL-1,DGS-1 ,Local	Cool & dry	Normal	Abundant	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy i,calciam,copper,potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Private Suppliers	Farmers
12	Linseed	<i>Linum usitatissimum</i>	Alsi	LC 54	Cool & dry	Normal	Normal	Medium duration	Food & fiber	Source of energy in the shape of Oil	Medicinal,industrial & domestic use	Rabi	Farmers / Department/ Private Suppliers	Farmers
13	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
14	Toria	<i>Brassica j. rape cv.Toria</i>	Toria	RSPT-1,RSPT-2,Local var.	Cool & dry with bright sunshine	Normal	Normal	Short durationAnnual Herb	oil for preparation of Food	Source of energy i,calciam,copper,potassium	vegetable Oil extracted from seeds used in cooking	Between Kharif & Rabi season	Farmers / Department/ Private Suppliers	Farmers
15	Sesame	<i>Sesamum indicum</i>	Til	Punjab Til No.1/local	Warm / Humid of Sub tropical region	Normal	Normal	Medium Yielding	Food	Source of Vegetable oil	Religiuos and medicinal value	June - Oct.	Farmers / Department/ Private Suppliers	Farmers
16	Chilli	<i>Capsicum spp</i>	Mirchi	Pusa Jawala, CH-1	Tropica/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
17	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
18	Okra	<i>Abelmoschus esculentus</i>	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropical vegetable,Hot and humid climate	Abundant	Abundant	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains diata fibers,protein and carbohydratesry	Summer/Kharif	Farmers / Department/ Private Suppliers	Farmers
19	Cucumber	<i>Cucumis sativus</i>	Kheera	Kheera local,JL	Grows in all climatoic conditions,Tropical,Sub tropical &temprate	Abundant	Abundant	Limbing annual bearing elongated thick cylenidrical fruit	Mainly used as salad	-	It also used asantipyretic and causing cooling effect	Summer/Kharif	Farmers / Department/ Private Suppliers	Farmers
20	Bottle gourd	<i>Lagenaria siceraria</i>	Lokki	PSPL/Punjab Long	Summer &rainy season crop	Abundant	Abundant	Vines vigorous, profusly branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/kharif	Farmers / Department/ Private Suppliers	Farmers
21	Bitter gourd	<i>Momordica charantia</i>	karela	Pusa Domausmi/Kundan	Warm and Humid climate	Abundant	Abundant	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/kharif	Farmers / Department/ Private Suppliers	Farmers

22	Beans	<i>Phaseolus Spp.</i>	Phaliya	Contender	Cool weather crop/Sandy/loamy soil	Abundant	Abundant	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,VitamineB1,B2<B6 and Maganese	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
23	Cauliflower	<i>Brassica oleraceae var.botrytis</i>	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate	Abundant	Abundant	White and tender head ,curdformed from shortened flower part	Curd Mainly used as vegetable	-	Also good sourse of protein,carbohydrate,p hasphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
24	Cabbage	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate	Abundant	Abundant	Round head withlight to dark green colour	Head Mainly used as vegetable,salad	-	Also good sourse of protein,carbohydrate,p hasphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
25	Knol khol	<i>Brassica oleraceae var.gongyloides</i>	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical	Abundant	Abundant	Swollen stem ,grren/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
26	Spanich	<i>Spinacea oleracea</i>	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	Abundant	Abundant	Tender green leaves & root used as Vegetable	Tender green leaves used as leafy Vegetable	-	Vitamins A and C, fiber, folic acid, and other nutrients	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
27	Radish	<i>Raphanus sativus</i>	Mulli	Japanes White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils	Abundant	Abundant	Tender green leaves &roots used as Vegetable	Modified Roots are used as Vegetabke & Salad	-	Full of vitamin A, C, E, B6, potassium, and other minerals,	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
28	Carrot	<i>Daucus carota</i>	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical& intermedite	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	-	Good source of carotene, , lutein, and zeaxanthin.Vit A,C,B6,Folic acid	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
29	Turnip	<i>Brassica rapa</i>	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&intermedite	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable ,Salad,.	-	Good source of Vit.C,Diatriy Fiber &Potasium	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malta	Alternate Bearing	Plenty	Plenty	Nurseries	Jun-Aug		Fruit, Pickle, Preserves	Marketing, Own Use	Nil
Citrus Fruit	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnoo etc.	Local Selection, Kagzi Lime etc.	Tree, Regular Bearing	Plenty	Plenty	Nurseries	Through Out Year		Fruit, Pickle, Squashes etc	Marketing, Own Use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L49 etc.	Tree, Regular Bearing	Plenty	Plenty	Nurseries	Jul - Aug		Fruit	Marketing, Own Use	
Aonla	<i>Phyllanthus emblica</i>	Ambla	Local Selection, NA-7	Tree, Regular Bearing	Plenty	Plenty	Nurseries, Local Collections	Nov.- Dec		Pickling Preserve etc	Marketing, Own Use	
Ber	<i>Ziziphus mauritiana lamk</i>	Ber	Gola, Varanasi	Tree, Regular Bearing	Plenty	Plenty	Local	Jul - Aug		Fruit	Own Use	
Jamun	<i>Syzygium cumini</i>	Jamun	Local Selection	Tree, Regular Bearing	Rare	Rare	Nurseries, Local Raised	Jul - Aug		Fruit	Own Use	
Pomegranate	<i>Punica granatum</i>	Anaar, Druni	Ganesh, Kandhari, Local	Tree, Regular Bearing, Shrub	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug		Fruit, Anardana	Own Use	

Peach	<i>Prunus persica</i>	Aaroo	July Elberta, Quetta	Tree, Regular Bearing	Rare	Plenty	Nurseries	Jun - Jul		Fruit	Marketing, Own Use	
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Format 03 Fodder Crop/ Species

1	2	3	4	5		6	7	8	9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Habit	Area (Approx.)Rabi/ Kharif	Landscape/ Habitat	Local Status		Part Used	Associated TK	Other details(mode of use)	Sources of Seeds and Plants	Community Kn. Holders
							Past	Present					
1	Barseem	<i>Trifolium alexandrianen</i>	Chhatala	Annual	8030	Sub Humid & moderately cool	Abundant	Abundant	Entire Plant	Nutritious & palatable fodder, Source of energy for animals	Fodder	Farmers / Department/ Private Suppliers	Farmers
2	Oats	<i>Avena spp.</i>	Javi	Annual		Cool & moist climate	Abundant	Abundant	Above ground part of plant	Nutritious & palatable fodder,	Fodder		Farmers
3	Sorghum	<i>Sorghum spp.</i>	cherri	Annual	6840	Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Fodder	Farmers / Department/ Private Suppliers	Farmers
4	Maize	<i>Zea mays</i>	Makki	Annual		Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Food & fodder		Farmers
5	Bajra	<i>Penniselium americanum</i>	Bajra	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Source of energy	Food & fodder	Farmers / Department/ Private Suppliers	Farmers
6	Cowpea	<i>Vigna unguiculata</i>	Pongi	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Kharif Legume with high protein	Fodder		Farmers

Format 04 Weeds

1	2	3	4	5	6	7	8		9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Affected Crop	Habit	Landscape/ Habitat	Local Status		Uses if any	Management options	Associated TK	Other details	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 & potassium	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
11	Nilibuti	<i>Ageratum spp.</i>	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. & wasteLand	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 Prunning	Discourge HDP			
		Mango	Insects	<i>Drosicha magiferae</i>	Mealey Bug	Orchard	Feb Onwards	Pesticide, Basin Making	Hand Picking			
		Citus	Insects	<i>Paapilio ledmoteus</i>	Caterpillar	Orchard/Field	April- May & Aug.- Oct.	Pesticides, Other Cultural Methods	Smoking Bagging Dispose Off			
		Citus	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				
		Amla	Insects	<i>Phyllanthus emblica</i>	Gall Maker	Orchard/Field	Feb Onwards	Pesticides Prunning	Destroy infected Shoots			
					Mealey Bug							
					Sundi							
					Tridde							

Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish
THERE IS NO ORGANISED MARKET IN THE MUNICIPALITY FOR ANY OF THE SPECIES OF ANIMALS LISTED IN FORMAT 15								

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 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12
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
Ponds			State land and Private land	Tali, kamal, Brankad,Bori peepal and Khu Jari etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public				
Streams			State land and Private land	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public				
Tube well			State land and Private land			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public				
Dug wells			Private			Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public				
Canal			Nil	Nil	Nil	Nil	Nil				
Hand pumps			Private	Panjphuli Jari, Bana, Aak, Khar grass etc.	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public				
Bowlis			Private	Bana, aak, Khar Grass, Panjphuli Jari Etc	Frogs, Fishes, Snakes, Snail	Cattles, wasing Cloths, Irrigation, Drinking Etc.	Public				

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

Format 10 Soil Type Block Samwan Panchayat Panjtoot (District Jammu)

S.No.	Soil	Type	Colour	Features	Soil management	Plants/Crop Suitable	Flora and Fauna	Associated TK	Other Information
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	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
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	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 11

INFORMATION IN RESPECT OF HORTICULTURE SECTOR OF PEOPLE'S BIODIVERSITYS REGISTER (PBR)

1	2	3	4	5	6	7		8	9	10	11	12	13
Plants	Scientific Name	Local Name	Variety	Habit	Landscape / Habitat	Local Status		Source of Plants / Seeds	Seasons of Fruiting	Uses (Usages)	Associated TK	Others Details Market / Own Use	Community / Know Holder
						Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malta	Alternate Bearing	Plains	Plenty	Plenty	Nurseries	Jun-Aug	Fruit, Pickle, Preserves		Marketing, Own Use	
Citrus Fruit	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnoo etc.	Local Selection, Kagzi Lime etc.	Tree, Regular Bearing	Plains, mid hills	Plenty	Plenty	Nurseries	Through Out Year	Fruit, Pickle, Squashes etc		Marketing, Own Use	
Litchi	<i>Litchi chinensis</i>	Litchi	Culcatta, Dehradun	Tree, Regular Bearing	Plains	Plenty	Plenty	Nurseries	Jul - Aug	Fruit		Marketing	
Guava	<i>Psidium guajava</i>	Amrood	Local, L49 etc.	Tree, Regular Bearing	Plains, Lower Hills	Plenty	Plenty	Nurseries	Jul - Aug	Fruit		Marketing, Own Use	
Grapes	<i>Vitis vinifera</i>	Anjoor	Local Dakh, Perlette	Vine, Regular Bearing	Plains, Mid Hills	Rare	Plenty	Nurseries	Jul - Aug	Fruit			
Aonla	<i>Phyllanthus emblica</i>	Ambla	Local Selection, NA-7	Tree, Regular Bearing	Plains	Plenty	Plenty	Nurseries, Local Collections	Nov.- Dec	Pickling Preserve etc		Marketing, Own Use	
Ber	<i>Ziziphus mauritiana lamk</i>	Ber	Gola, Varanasi	Tree, Regular Bearing	Plains	Plenty	Plenty	Local	Jul - Aug	Fruit		Own Use	
Jamun	<i>Syzygium cumini</i>	Jamun	Local Selection	Tree, Regular Bearing	Plains	Rare	Rare	Nurseries, Local Raised	Jul - Aug	Fruit		Own Use	
Pomegranate	<i>Punica granatum</i>	Anaar, Druni	Ganesh, Kandhari, Local	Tree, Regular Bearing, Shrub	Plains, Mid hills	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug	Fruit, Anardana		Own Use	
Pear	<i>Pyrus spp.</i>	Nakh	Pathar Nakh, China Pear	Tree, Regular Bearing	Plains, mid hills	Rare	Rare	Nurseries	Aug - Sep	Fruit		Own Use	
Peach	<i>Prunus persica</i>	Aaroo	July Elberta, Quetta	Tree, Regular Bearing	Plains, mid hills	Rare	Plenty	Nurseries	Jun - Jul	Fruit		Marketing, Own Use	
Strawberry	<i>Fragaria ananassa</i>	Strawberry	Chandler	Runner, Annual	Plains, mid hills	Rare	Plenty	Nurseries	Mar - Apr	Fruit		Marketing	

Karonda	<i>Carissa carandas</i>	Garnay	Local	Shrub	Hills/ Plains	Rare	Rare	Wild, Local	Jun - Aug	Fruit		Marketing, Own Use	
Papaya	<i>Carica papaya</i>	Papita	Local	Tree	Plains	Rare	Plenty	Nurseries, Locally Raised	Aug - Oct	Fruit		Own Use	

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	Community/ Know.
						Past	Present					
Herbs	Dudlu	<i>Taraxacum officinale</i>		Temperate area	Root	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Herbs	Tarad	<i>Dioscorea belophylla</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/Temperate area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	brankad	<i>Adhatoda vesica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Drainkdu	<i>Murraya koenigii</i>		Sub-Tropical area	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	Dussa	<i>Colebrookia oppositifolia</i>		Lower shiwalik	Seed	Rare	Rare	nil	Flower	N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	<i>Euphorbia royleana</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativia</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community

Tree	Bair	<i>Ziziphus xylocarpa</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bheda	<i>Terminalia bellerica</i>		Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Bill-Patre	<i>Aegle mermelos</i>		Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Tree	Drankh	<i>Melia azadirach</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Harad	<i>Terminalia chebula</i>		Lower shiwalik	Seed	Abundant	Abundant	Good for digestion	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Jaman	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Kakad-Singhi	<i>Pistacia khinjuk</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Karal	<i>Bauhinia variegata</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Flower	N.A	N.A	Generally, held by community
Tree	Khair	<i>Acacia catechu</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	<i>Cordia dichotoma</i>		Lower shiwalik	Seed	Rare	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Mango	<i>Mangifera indica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Retha	<i>Sapindus mukorossii</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community

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

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

Animal Type	Local Name	Scientific Name	Breed (local/Hybrid)	Features	Method of keeping	Local Status		Uses	Associated TK	Commercial rearing	Other Details	Community know holders
						Past	Present					
Cattle	Gau	<i>Bos indicus</i>	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil	No	Milk	All
	Jersy Gau	<i>Bos taurus</i>	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil	yes	Milk	All
	Amrecan Gau	<i>Bos taurus</i>	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Buffalo	Manj	<i>Bubalus bubalis</i>	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All
	Punjabi Mais	<i>Bubalus bubalis</i>	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Horse	ghoda	<i>Equus caballus</i>	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
Mule	khacchar	<i>E.assinus xE caballus</i>	Local	Black	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
Poultry	Kukkar	<i>Galus gallus</i>	Local	Enriched meat flavor	Backyard	Abundant	Decrease	Egg ,meat	Nil	No	Egg ,meat	All
	Farmi Kukkar	<i>Galus domesticus</i>	Chabro	good egger	Backyard	few	Increased	Egg,meat	Nil	No	Egg ,meat	All
	Broiler	<i>Galus domesticus</i>	Hybrid	white color , fast growing	deep litter	few	Increased	meat	Nil	Yes	Meat	All

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					
There is no culture Fisheries taken up in this panchayat												

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 Plant Type	2 Local Name	3 Scientific Name	4 Habit	5 Habitat	6 Local status		7 Commercial/own use	8 Part collected	9 Associated TK	10 Other details	11 Community Knowledge Holder
					Past	Present					
Tree	Shisham	<i>Dalbergia sisoo</i>	Tree	Northern/ Sub-Tropical	Good	Moderate	Commercial/ own use	Stem, Timber	-	-	-
Tree	Khair	<i>Acacia catechu</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	Katha	-	-
Tree	Amla	<i>Emblica officinalis</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Fruit	Food processing	-	-
Tree	Siris	<i>Albizia lebbek</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial own use	Timber/ Firewood	-	-	-
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	Resin	-	-
Tree	Lecunia	<i>Leucaena lencecephala</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Simbal	<i>Bombax cebia</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Kamila	<i>Mallotus philippensis</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial /own use	Timber/ Firewood	-	-	-
Tree	Krangal	<i>Cassia fistula</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Ber	<i>Ziziphus jujuba</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial /own use	Fruit	-	-	-
Tree	Plash	<i>Butea monosperma</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Arjun	<i>Terminalia arjuna</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-

Tree	Jamun	<i>Syzygium cumini</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Santha	<i>Dodonaea viscosa</i>	Shrubs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Amb	<i>Mangifera indica</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Fruit	-	-	-
Tree	Kiker	<i>Acacia nilotoca</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Sagwan	<i>Tectona grandis</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Safeda	<i>Eucalyptus spp.</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Bel	<i>Aegle marmelos</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Leaves/ Fruit	-	-	-
Tree	kakoa	<i>Flacourtia indica</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Fruit	-	-	-
Grass	Bamboo	<i>Dendrocalamus Strictus</i>	Grass	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Sticks	-	-	-
	Bhang	<i>Cannabis sativa</i>	herbs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Leaves	-	-	-
Shrub	Jojra	<i>Pupalia lappacea</i>	Shrubs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	-	-	-	-
Shrub	Garna	<i>Carissa spinarum</i>	Shrubs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Fruit	-	-	-
Shrub	Panjphuli	<i>Lantana camara</i>	Shrubs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	-	-	-	-
Shrub	Gandila	<i>Nerium indicum</i>	Shrubs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Flower	-	-	-
Shrub	Pansar	<i>Wemdlandia heynei</i>	Shrubs	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	-	-	-	-

Herbs	congress Grass	<i>Parthenium hysterophrous</i>	herbs	Northern/Sub-Tropical	Good	Moderate	-	-	-	-	-
Tree	Badh	<i>Ficus benghalensis</i>	Tree	Northern/Sub-Tropical	Good	Moderate	-				
Tree	Peepal	<i>Ficus religiosa</i>	Tree	Northern/Sub-Tropical	Good	Moderate					
Tree	Phulai	<i>Acacia modesta</i>	Tree	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Climber	Tarad	<i>Dioscorea belophylla</i>	Climber	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Roots			
Climber	Jungli bitter gourd	<i>Momordica charantia</i>	Climber	Northern/Sub-Tropical	Good	Moderate	Commercial/own use	Fruit			
Climber	Purple yam	<i>Dioscorea alata</i>	Climber	Northern/Sub-Tropical	Good	Moderate	-				
Climber	Striped cucumber	<i>Diplocyclos palmatus</i>	Climber	Northern/Sub-Tropical	Good	Moderate	-				

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
SI.No	Local Name	Scientific Name	Variety	Importance(as economic,social,cultural etc.)	Status
1	Santha	<i>Dodonaea viscosa</i>	Shrub	Firewood	Good
2	Kanner/Lal Gandila	<i>Nerium indicum</i>	Shrub		Good
3	Daduni	<i>Punica grantum</i>	Shrub	Live Hedge fencing	Good
4	Brenker	<i>Adhatoda vasica</i>	Shrub	-	Good
5	Bhang	<i>Cannabis sativa</i>	Shrub	Medicinal	Good
6	Aakh	<i>Ipomea cornea</i>	Shrub	Soil binder	Good
7	pansar	<i>Wendlandia heynei</i>	Shrub	Firewood	Good

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 Holders
					Past	Present				
Kayehri	<i>Labeo dero</i>	Local	Slender body covered with cycloid scales, head is over, silvery grey with rounded abdomen. Have long Barbels, Scaleless body,	Manawar Tawi	Available	Available	Own & Commercial use	Used as food as source of protein	-	15%
Seeng	<i>Mystus seengala</i>	Local	Chisel shaped head, Cat fish	Manawar Tawi	Available	Available	Own & Commercial use	Used as food as source of protein	-	15%
Sol	<i>Channa marulius</i>	Local	Snakehead fish, Air Breathing Fish	Manawar Tawi	Available	Available	Own & Commercial use	Used as food as source of protein	-	15%
Mooree	<i>Channa orientalis</i>	Local	Snakehead fish, Air Breathing Fish Have long Barbels, Scaleless body,	Manawar Tawi	Available	Available	Own & Commercial use	Used as food as source of protein	-	15%
Bharata	<i>Labeo dyocheilus</i>	Local	Chisel shaped head, Cat fish	Manawar Tawi	Available	Available	Own & Commercial use	Used as food as source of protein	-	15%
Rohu	<i>Labeo rohita</i>	Indian Major Carp	Large Silver coloured fish, arched head	Manawar Tawi	Available	Available	Own & Commercial use	Used as food as source of protein	-	15%

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance	Trends
No Aquatic weed found in this panchayat					

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 (usage)	Part used	Other details market/own use	Community/ Knowledge Holder
					Past	Present				
Tree	Arjun	<i>Terminalia arjuna</i>	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark	-	-
Tree	Amla	<i>Emblica officinalis</i>	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark/ Fruit	-	-
Tree	Harad	<i>Terminalia chebula</i>	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark/ Fruit	-	-
Tree	Behra	<i>Terminalia bellirica</i>	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark/ Fruit	-	-
Tree	Sukchain	<i>Pongamia pinnata</i>	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark	-	-
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Fruit /seeds	-	-

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
Gandila	<i>Nerium indicum</i>	Shrub	Northern/ Sub-Tropical	-	-	-	-
Panjtara	<i>Tara spinosa</i>	Shrub	Northern/ Sub-Tropical	-	-	-	-
Bougainvillea	<i>Bougainvillea glabra</i>	Shrub	Northern/ Sub-Tropical	-	-	-	-
Gulmohar	<i>Delonix regia</i>	Tree	Northern/ Sub-Tropical	-	-	-	-

Format26: 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				
Chir	<i>Pinus roxburghii</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Shisham	<i>Dalbergia sisoo</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Ber	<i>Ziziphus jujuba</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Sagwan	<i>Tectona grandis</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Safeda	<i>Eucalyptus spp.</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Simbal	<i>Bombax ceiba</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Tunu	<i>Cidrela toona</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Jamun	<i>Syzygium cumini</i>	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-

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

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Wild Animal	Leopad	<i>Panthera Pardus</i>	Northern/ Sub-Tropical	-	Winter	Good	Good	-	-	-	-	
Wild Animal	Squirrels	<i>Funambulus palmarum</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild Animal	Boar	<i>Sus scofra</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild Animal	Indian Hare	<i>Lepus nigricollis</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild Animal	Monkey	<i>Cercopithecidae spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild Bird	Red jungle fowl	<i>Gallus gallus</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild bird	Rose ringed parakeet	<i>Psittaculidae spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild Animal	Fox	<i>Vulpes spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild Animal	Porcupine	<i>Erethizon dorsatum</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild insects	Grasshopper	<i>Parallelus spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild insects	butterfly	<i>Chorthippus brunneus</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	

Wild insects	bees	<i>Apis mellifera</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild insects	ants	<i>Brachymyrmex patagonicus</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Wild insects	Bumble bee	<i>Bombus spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Amphibia	Frog	<i>Euphlyctis cyanophlyctis</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Reptiles	Tortoises	<i>Testudines spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	
Reptiles	Snake	<i>Natrix spp.</i>	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	-	

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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	<i>kikar</i>	<i>Acacia nilotica</i>	Broad leave	sub tropical	summer	Common
2	<i>Mangoo</i>	<i>Mangifera indica</i>	Broad leave	sub tropical	summer	Common
3	<i>Safeda</i>	<i>Eucalyptus spp.</i>	Broad leave	sub tropical	summer	Common
4	<i>Sree</i>	<i>Albizia lebbek</i>	Broad leave	sub tropical	summer	Common
5	<i>Talli</i>	<i>Dalbergia sissoo</i>	Broad leave	sub tropical	summer	Common
7	<i>Popular</i>	<i>Populus ciliata</i>	Broad leave	sub tropical	summer	Common
9	<i>Jammun</i>	<i>Syzygium cumini</i>	Broad leave	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
S.No	Local Name	Scientific Name	Type of Animals(Mammals /Birds/Fish/Insects etc.)	Habitat	Remarks(Rare/common etc.
1	Cow	<i>Bos taurus</i>	Mammals	Terrestrial	Common
2	Buffalow	<i>Babalus bubalis</i>	Mammals	Terrestrial	Common
3	Sheep	<i>Ovis aries</i>	Mammals	Terrestrial	Common
4	Goat	<i>Capra aegagrus</i>	Mammals	Terrestrial	Common
5	Sparow	<i>Passer domesticus</i>	Birds	Terrestrial	Common
6	Crow	<i>Corvus splendens</i>	Birds	Terrestrial	Common
7	Parrot	<i>Psittaciformes spp.</i>	Birds	Terrestrial	Common
8	Peacock	<i>pavo cristatus</i>	Birds	Terrestrial	Rare
9	Ant	<i>Tapioma sessile</i>	insects	Terrestrial	Common
10	Bee	<i>Apis cerana indica</i>	insects	Terrestrial	Common
11	Butterfly	<i>Rhopalocera spp.</i>	insects	Terrestrial	Common
12	Mosquito	<i>Culex pipiens</i>	insects	Terrestrial	Common
13	Cater pillar	<i>Lepidoptera</i>	Aquatic Animals	Terrestrial	Common
14	Fish		Aquatic Animals	Aquatic	Common
15	Frog	<i>Anura spp.</i>	Aquatic Animals	Aquatic	Common
16	Tortoise	<i>Testudinidae spp.</i>	Aquatic Animals	Aquatic	Common
17	Crocodile	<i>Crocodylinae spp.</i>	Aquatic Animals	Aquatic	Rare
18					

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
	Monaver Taw (Very Clean)	
<p style="text-align: center;"><i>End of Part II</i></p>		