

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: MEHARI GUJJRAN
Taluk:RAJOURI
District:Rajouri
State:Jammu And Kashmir
Geographical Area of the Panchayat Samiti: 945.72
Population under the Panchayat Samiti: Total 1346
Male: 681 Female: 665 Total: 1346
Habitat and Topography:Hilly
Climate (Rainfall, Temperature and weather patterns): Temperate
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation 2020-21
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: Shazia Tabassum(Sarpanch)
Age:35Yrs
Gender: Male
Address: Mehari Gujran
Area of specialization:
2) Name: Fazleet Begum
Age: 41 yrs
Gender: Female
Address : Mehari Gujran
Area of specialization:
3)Name:Mehmood Hussain
Age: 46 yrs
Gender: Male
Address:Mehari Gujran
Area of specialization:
4)Name:: Tasveer Akhter
Age: 29 yrs
Gender:Male
Address: Mehari Gujran
Area of specialization:
5)Name:Moht Arif
Age: 39yrs
Gender:: Male
Address:Mehari Gujran
Area of specialization:
6)Name:: Nissar Ahmed
Age: 24 yrs
Gender: Male
Address:Mehari Gujran
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 :

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status: partily availblde

Medicinal Use:

2) Name: Mohd Nazir

Age: 62 yrs

Gender: Male

Address: Mehari Gujran

Area of specialization:

Location from which the person accesses biological material: from local forest

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: Mohd Nazir

Age: 60 yrs

Gender: Male

Address: R/o Mehari Gujran

Area of specialization: Agriculture/Horticulture

2) Name of the Chairperson: Mohd Hussain

Age: 40 yrs

Gender: Male

Address: R/o Mehari Gujran

Area of specialization: Agriculture/Horticulture

3) Name of the Chairperson: Kala Khan

Age: 53 yrs

Gender: Male

Address: R/o Mehari Gujran

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: Pankaj Sharma (Secretary Panchayat)

Name and Address: Panchayat Mehari Gujran

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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

Crop	Scientific Name	Local Name	Variety	Land Scape / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK	Other Details	Source of seeds /Plants
						Past	Present						
Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught and lodging	Kharif	Food /Fodder	Staple food		Agri Dept.
Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Short duration	Rabi	Food / Fodder	Staple food		Agri Dept.
Mustard	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking	oil for Food	Agri Dept.
OKRA	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	sub tropical		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local
Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	sub tropical		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local
Bottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	sub tropical		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy	-	Agri Dept/ Local

Cauliflower	<i>Brassica oleraceae var. botrytis</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	sub tropical		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein, carbohydrate, phosphorus & iron	-	Agri Dept/ Local
Cabbage	<i>Brassica oleraceae var. capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	sub tropical		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein, carbohydrate, phosphorus & iron	-	Agri Dept/ Local
Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi, Pusa Early Dwarf, Manisha Plus/ local	sub tropical		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup	Agri Dept/ Local
Onion	<i>Allium cepa</i>	Pyaz	Pusa Red, Nasik Red, N-53, Liberty	sub tropical		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber, Vitamin B6, C, Potassium and folic acid.	-	Agri Dept/ Local

Format 2: Fruit Plants

Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other	
					Past	Present					details market/Ow n use	Communicate/ Knowledge holder
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malda	subtropical	Plenty	Plenty	Nurseries	June- August		Fruit,Pickling , Preserves	Marketing , own use	
Citrus fruits	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	subtropical, mid hills	Plenty	Plenty	Nurseries	through out year		Fruit,Pickling, Squashes etc.	Marketing , own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	subtropical	plenty	plenty	Nurseries	July-August		Fruit	Marketing , own use	
Grapes	<i>Vitis vinifera</i>	Angoor	Local Dakh, Perlette,	subtropical,Mi d hills	rare	rare	Nurseries	July-August		Fruit		
Aonla	<i>Emblica officinalis</i> <i>Syn. Phyllanthus</i> <i>emblica</i>	Ambla	Local selection , NA-7	subtropical	plenty	plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Marketing , own use	
Ber	<i>Zizyphus mauritiana</i> <i>lamk.</i>	Ber	gola, Banarasi	subtropical	plenty	rare	local raised	July-August		Fruit	own use	
Jamun	<i>Syzygium cumini</i> <i>Skeels</i>	Jamun	local selection	subtropical	rare	rare	Nurseries, locally raised	July-August		Fruit	own use	
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	subtropical, mid hills	rare	rare	Nurseries, locally raised, wild	May- August		Fruit, anardana	own use	
Bael	<i>Aegle marmelos</i>	Bael	Local selection , Mirzapuri	subtropical	rare	rare	ocally raised	July-August		fruit,squash	own use	
Apple	<i>Malus x domestica</i> <i>Borkh.</i>	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Temperate	rare	plenty	Nurseries	Aug- Oct.		fruit, value addition	Marketing , own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Mid hill	plenty	plenty	Nurseries	Aug-Sept		Fruit	own use	
Peach	<i>Prunus persica(L.)</i> <i>batsch.</i>	Aaroo	July Elberta, Quetta	mid hill	rare	rare	Nurseries	June-July		Fruit	Marketing , own use	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	local apricot, Bebc0	Mid hills	plenty	plenty	Nurseries	June-July		Fruit	own use	
Walnut	<i>Juglans regia</i>	Akrote	Burzal, Kagzi, hard shelled	Temperate	plenty	plenty	Nurseries, locally raised	sept-Oct		Dry fruit	Marketing , own use	
Pecan	<i>Carya illinoensis</i>	Pecan	western shelley	Mid hills /Temperate	rare	rare	Nurseries	Sept-Oct		Dry Fruit	Marketing	

Plum	<i>Prunus salicina</i>	Aaloo Bukhara	santa rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		fruit	Marketing , own use	
Persimmon	<i>Diospyrus kaki</i>	Amlook	Local	Mid hills /Temperate	rare	rare	locally raised	July-August		fruit	Marketing	
Olive	<i>Olea europea</i>	Khao, jaiton	Local, Carotina	Mid hills /Temperate	rare	rare	locally raised	August- October		fruit	Marketing	
Papaya	<i>Carica papaya</i>	Papita	local	subtropical	rare	rare	nurseires, locally raised	August- October		fruit	own use	
Banana	<i>Musa paradisiaca</i>	Kela	local	subtropical	rare	rare	locally raised	June- August		Fruit	own use	

FORMAT-3; FODDER CROPS/SPICES

S.No	Plant	Scientific Name	Local Name	Land Scape/ Habitat	Local Status		Source of plants/ seeds	Associated TK	Part Used	Other details	Community/ Knowledge holder
					Past	Present					
1	Oats	<i>Avena sativa</i>	Javi	sub tropical	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
2	Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	sub tropical	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	sub tropical	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
4	Chilli	<i>Capsicum annum</i>	Mirch	sub tropical	Rare	Rare	Agri Dept /Local	Viilage Head	Dry fruit	Contains good ammount of vitamin A&C	Farmers
5	Garlic	<i>Allium sativum</i>	Thom	sub tropical	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers

FORMAT-4 : WEEDS

S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any	Management Options	Associated TK	Other details like exotic	Community / Knowledge holder
							Past	Present					
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	sub tropical	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	Farmers
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Allelopathy effect, reduce yield	sub tropical	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	Farmers
3	Bathua	<i>Chinopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	sub tropical	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein, Vit. A, Calcium, Phosporous & potash	Used as green vegetable	Farmers
4	Wild Oats	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	sub tropical	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local	Farmers
5	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Allelopathy effect, Compete with crops	sub tropical	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	Farmers
6	Barnyard grass	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	sub tropical	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	nil	Local	Farmers
7	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers

FORMAT 5: PESTS OF CROPS

S.No	Host	Insect/ Animal	Scientific Name	Local Name	Habitat	Time/ Season of Attack	Management mechanism	Associated TK	Other details	Community Knowledge Holder
1	Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	sub tropical	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	<i>Odentotermes obesus</i>	Sink	sub tropical	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
7	Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
8	Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	sub tropical	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
9	Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	sub tropical	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
10	Maize,Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	sub tropical	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
11	Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	sub tropical	Dec-March	Chemical control	-	Nil	Farmers

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

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
Agriculture	Pond	Fallow land											
Agriculture			Maize, Wheat, Mustard, Vegetable	Open Land, Close Lans, Garden	Private	Maize, Wheat, Mustard, Brinjal, Bottleguard, Cauliflower, Cabbage	Mokeys, Rabbit, Porcupine, Rat, Wildbear, Pigeon	Locals	Management Practices, Terrac Farming	food, Fodde, Oil, Vegetables			Locals
Forest Land					Forest	Chir, toon, Simal, Walnut, Khirak	Mokeys, LeopardRabbit, Porcupine, Peacock, Pigeon	Locals and Nomadic Grazers		Fruit, Medicines			
Fallow Land					Forest, State								
Pond				Stream, Standin	Forest, State, Private	Algae, Bryophytes, Pteridophytes, Bryophyllum, Water Hycinth, Water Liliies, And other Aquatic Phytoplanktons, etc	Fishes, Frog, Snail, Snakes. Leech	Locals	Desilting, Dredging etc	Drinking water for Animals, Irrigation Purposes			Locals, Wild, Animal

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element types	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
Nallah			Private, Forest	Algae, Bryophytes, Pteridophytes, Water Hycinth	Crab, Snail, Amphibians, Snakes	Domesticated, Purposes, drinking water for wild animals, irrigation purposes, etc	Locals					Locals, Wild Animals
Bowali		Drinking Water	State Land, Forest Land	Algae, Mosses	Carb	Domestic uses as drinking Water	Locals					Locals Populations

Format 10 : Soil Type

1	2	3	4	5	6	7	8
soil Type	Colour & texture	features	Soil Management	Plants/Crop suitable	flora and fauna	Associated Tk	Other Information
Alluial Soil	Light Brown, Porous type	Water Holding Capcity, Anchoring Property		Kharif and Rabi Crops, All Herbaceous and woody Plants, Ornamental Plants,	Algae, Protozoa, Nematodes, Earthworms, Bacteria, Fungi		
Clay Soil	Light Brown, Porous type	Water Holding Capcity, Anchoring Property		Agave, Cactus, Aleo vera	Algae, Fungi, Bacteria, Protozoa, Earthworm		
Brown Soil	Brown Fine Particles	water Holding Capcity, Property			Kharif and Rabi Crops, All Herbaceous Plants And Woody Plants, Ornamental Plants		
Red Soil	Red	Water Holding Capacity, Anchoring Property, Xerophytic		Agave, Cactus species	Licen, Nematodes, Scorpions Roundworms		
Rocky Soil	Black	Hard Texture			Herbaceous Plants		
Loamy Soil	Dark Brown	Water Holding Capacity			Herbaceous Plants		

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Tree	Amrood	<i>Psidium guajava</i>	Local	Farm Land	Normal	Normal	Horticulture		Fruit			Local
Grass	Banana	<i>Musa</i>	Local	Farm Land	Normal	Normal	Horticulture	Oct-Nov	Fruit			Local
Tree	Mousambi	<i>Citrus limeta</i>	Local	Farm Land	Normal	Normal	Horticulture	Nov-Dec	Fruit			Local
Tree	Anar	<i>Punica granatum</i>	Local	Farm Land	Normal	Normal	Horticulture	May-Aug	Fruit			Local
Tree	Naakh	<i>Pyrus spp</i>	Local	Farm Land	Normal	Normal	Horticulture	Aug-Sep	Fruit			Local
Tree	Walnat	<i>Juglans regia</i>	Local	Farm Land	Normal	Normal	Horticulture	Sep-Oct	Fruit			Local
Tree	Bael	<i>Aegle maemelos</i>	Local	Farm Land	Normal	Normal	Horticulture	Jul-Aug	Fruit			Local
Tree	Aam	<i>Mangifera indica</i>	Local	Farm Land	Normal	Normal	Horticulture	Jun-Aug	Fruit			Local
Tree	Peach	<i>prunus Persica</i>	Local	Farm Land	Normal	Normal	Horticulture	Jun-Jul	Fruit			Local

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					
Tree	Timberu	<i>Zanthoxylum</i>	Indigenous	Wild	Wild	Normal	Normal	Antibiotic, Medicines	Fruits		Domestic Use	Local People
Shrub	Simblu	<i>Berberis lycium</i>	Indigenous	Wild	Wild	Normal	Normal	Antibiotic, Medicines	leaves, root		Domestic Use	Local People
Shurb	Bana	<i>Vitex negundo</i>	Indigenous	Wild	Wild	Normal	Normal	Joint treatment	Leaves, Twigs		Domestic Use	Local People
herb	Banafsha	<i>Viola odorata</i>	Indigenous	Wild	Wild	Normal	Normal	Antiboitic	flower		Domestic Use	Local People
Tree	Amla	<i>Phyllanthus emblica</i>	Indigenous	Wild	Wild	Normal	Normal	Antibiotic, Medicines	Fruits		Domestic Use	Local People
Herb	gucchi	<i>Morchella esculenta</i>	Indigenous	Wild	Wild	Normal	Normal	Antiboitic, Protein	whole		Domestic Use	Local People

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant type	Local Name	Scientific Name	Variety	Source of Plant/seeds	Commercial/non-Commercial	uses	Associated TK	Other Details	Community/Know. Holder
Tree	Harduli	<i>Rhododendron</i>		natural	Non.Com	flower			Local
Climbers	Pulwari	<i>Rosa asclloris</i>		natural	Non.Com	flower			Local
shrubs	Rose	<i>Rosa indica</i>		Cutting	Comm.	flower			Local

Format 14: Timber Plants / Trees

1	2	3	4	5		6	7	8	9	10
Plant type	Local Name	Scientific Name	Habitat	Local Status		Wild/Home-garden	Other uses (multi)	Associated TK	Other Details	Community/Know. Holder
				Past	Prsent					
Tree	Chir	<i>Pinus roxburghii</i>	Forest	Good	Good	Wild	Furniture/ Fuel			Local
tree	Tooni	<i>Toona cilata</i>	Forest	Good	average	wild	Furniture/ Fuel			Local
tree	Shishum	<i>Dalbergia sissoo</i>	Forest	Good	Normal	wild	Furniture/ Fuel			Local

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Types	Local Name	scientific Name	Breed (local by Bird)	Features	Method of keeping	Local Status		Uses	Associated TK	Commercial rearing	Other detail including products and services	Community know holders
						Past	Present					
Ploughing	Ox	<i>Bos taurus</i>	Local	Large Size	Stall Fed	Abundant	Rare	Ploughing		Not in use Tractor replaced it	Protection	Local
Milking	Cow	<i>Bos taurus</i>	Local	Large Size	Stall Fed	Abundant	Decreased	Milking		Replaced with Hybrid variety	Milk	Local
Meat	Sheep	<i>Ovis aries</i>	Local	White Wool	Open Heard	Abundant	Abundant	Meat & Wool		Abundant	Meat & Wool	Local
Milking	Goat	<i>Capra hircus</i>	Local	Heavy in Weight	Open Heard	Rare	Abundant	Meat & Milk		Abundant	Meat & Wool	Local
Protection	Dog	<i>Canis lupus</i>	Local	Medium Size	Stall Fed	Abundant	Abundant	Protection		Abundant	Protection	Local

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					

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

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>		Forest/ Wild	Good	Good	own use	Stem/Wood	Timber	Construction work	Local
Tree	Kikar	<i>Vachellia indica</i>		Forest/ Wild	Good	Good	own use	Stem/Wood	Timber	Construction work	Local
Tree	Safeeda	<i>Populus ciliata</i>		Forest/ Wild	Good	Average	own use	Stem/Wood	Timber/ Medicinal Uses	Furniture	Local
Tree	Harduli	<i>Rhododendron</i>		Forest/ Wild	Good	Good	own use				
Tree	Bana	<i>Vitex negundo</i>		Forest/ Wild	Good	Good	own use	Leaves/Twigs	Medicinal Uses	Medicines	Local
Shurb	Phulwari	<i>Rosa ascularis</i>		Forest/ Wild	Good	average	own use				
Tree	Simblu	<i>Berberies lycium</i>		Forest/ Wild	Good	average	own use	Wood	furniture Uses		Local
Tree	Drake	<i>Melia azedarach</i>		Forest/ Wild	Good	average	own use	Wood	furniture Uses	Construction work	Local
Tree	Toot	<i>Morus alba</i>		Forest/ Wild	Good	average	own use	Wood	furniture Uses	Construction work	Local
Tree	Manu	<i>Ulmus walichana</i>		Forest/ Wild	Good	average	own use	Wood	furniture Uses	Construction work	Local

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	Chir	<i>Pinus roxburghii</i>	Wild	Timber, Resin, Medicinal uses	Abundant
2	Oak	<i>Quercus Incana</i>	Wild	Timber	Declined, Few are available
3	Drake	<i>Melia azedarach</i>	Wild	Timber	Abundant
4	Mannu	<i>Ulmus walichiana</i>	Wild	Timber	Declined, Few are available
5	Tooni	<i>Toona ciliata</i>	Wild	Timber	Fairly Available
6	Kikar	<i>Accia nelotica</i>	Wild	wood	Declined, Few are available
7	Bisa	<i>Salix alba</i>	Wild	wood	Declined, Few are available
8	Safeeda	<i>Eucalptus</i>	Wild	Timber, Medicines	Declined, Few are available
9	Toot	<i>Morus alba</i>	Wild	Timber	Fairly Available
10	Bana	<i>Vitex negundo</i>	Wild	wood	Fairly Available
11	Dhaman	<i>Grewia optiva</i>	Wild	fodder	Abundant
12	Phagwara	<i>Ficus palmata</i>	Wild	wood	Abundant
13	Kou	<i>Oleo cusoidita</i>	Wild	Iron Wood	Abundant
14	Beri	<i>Ziziphus jujaba</i>	Wild	Wood/ Fruits	Abundant

15	Phalwari	<i>Rosa aesculars</i>	Wild	Wood	Abundant
16	Simbaloo	<i>Berberies lycum</i>	Wild	Wood	Abundant
17	Banafsha	<i>Viola odorata</i>	Wild	Medicinal Uses	Abundant
18	Amla	<i>Emblica officinalis</i>	Wild	Fruits/ Medicines	Abundant
19	Anardana	<i>Punica granatum</i>	Wild	Fruits/ Medicines	Abundant
20	Kainth	<i>Pyrus pashia</i>	Wild	Wood	Abundant
21	Kakoa	<i>Flacourtia indica</i>	Wild	Wood	Abundant

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				
chu	<i>Nasturtium officinala</i>			water bodies	Good	average				
Water Hycinth	<i>Eichhornia crassipes</i>	Indigenous	Aquatic Plant	Streams Lakes	Good	Fairly Available				
Frog	<i>Sphearophera pigrinus</i>	Indigenous	Aquatic Plant	Streams Lakes	Good	Good				

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

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Herb	Gucchi	<i>Morchella esculenta</i>	Local	Forest	Good	average			whole		
Herb	Banafsha	<i>Viola odorata</i>	Local	Forest	Good	average			flower		
shrub	Simblu	<i>Berberis lycium</i>	Local	Forest	Good	average			roots		
Tree	Harduli	<i>Rhododendron</i>	Local	Forest	Good	average			flower		
Tree	Bana	<i>Vitex negundo</i>	Local	Forest	Good	average			leaves		
Tree	Timbru	<i>Xantoxylum aromatum</i>	Local	Forest	Good	average			Fruits		

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

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Ber	<i>Ziziphus jujaba</i>	<i>Zyzyphus mauritiana</i>	Wild	Abundant	Declined	Edible Fruit	Fruit	Used to Cure Chronic Cough		

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

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.)

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.)

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