People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Sagrawat
Taluk: Darhal
District: Rajouri
State: Jammu And Kashmir
Geographical Area of the Panchayat Samiti: 635.06 ACRES
Population under the Panchayat Samiti: Total 1356
Male: 805 Female: 551
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns): Moderate
Land Use: (Nine fold classification available with village records) Agriculture
Date, Month and Year of PBR Preparation 2020-21 December 2019
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

#### Annexure 1

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

Name	Age	Gender	Address	Area of Specilization
Tabassum Rayaz S/o Mohd Rayaz	35	М	Sagrawat	Agriculture/ Horticulture
Mohd. Akhter s/o Mohd Din	49	M	Sagrawat	Agriculture/ Horticulture
Gulnaz Akhter s/o w/o Mohd Nazin	25	М	Sagrawat	Agriculture/ Horticulture
Zahoor Hussain s/Manzoor Hussain	24	М	Sagrawat	Agriculture/ Horticulture
Shahnawaz Ahmed s/o Zaffer Iqbal	36	М	Sagrawat	Agriculture/ Horticulture
Farzand Begum W/o Abdul Manaf	60	F	Sagrawat	Agriculture/ Horticulture
Wajhait Hussain	31	М	Sagrawat	Agriculture/ Horticulture

Annexure-2
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1) Name: Mohd Younis
<b>Age:</b> 60
Gender: Male
Address: Sagrawat
Area of specialization: Ayurvedic Local (Sagrawat Panachayat )
Location from which the person accesses biological material: Local Area
Perception of the practitioner on the resource status:less local resources available : NA
Medicinal Use:

#### Annexure 3

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

Name	Age	Gender	Address	Area of specialisation		
Ab Qayoom	65	Male	Darhal	Agriculture/ Horticulture		
Mohd Ashaq	70	Male	Darhal	Agriculture/ Horticulture		
Abdul Hamid	60	Male	Darhal	Agriculture/ Horticulture		
Mohd Shabir	65	Male	Darhal	Agriculture		



#### Annexure 4

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

Contact person	Contact	Address	
wajahat hussain	9622199483	Darhal	VLW
Mehtab Ali Mir	7006320041	Darhal	VLW

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

	Annexure 5												
Detail of acc	etail 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												
1	2	3	4	5	6								
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								

# Format 1: Crop Plants

1	2	3	4	5	6	,	7	8	9	10	11	12	13	14
Crop	Scientific Name	T I.N	Variety	Landscape	Approx.	Local	Status	Special	Cropping	Uses	Associated	Other	Source of	Community/ Knowledge
Стор	Scientific Ivame	Local Name	variety	/ Habitat	shown	Past	Present	features	season	Uses	TK	details	Seeds/Plants	Holder
Food crop	Oryza sativa	Dhan	K-39,K-343, G-14	Hilly terrain		Past	Present							
Food crop	Zia mays	Makka	Rasi4794, Kh517, Kh- 612, DD	Hilly & lower hills		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food		Agri Dept.	Farmers
Food crop	Triticum aestivum	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food		Agri Dept.	Farmers
Food crop	Brassica juncea	Sarson	Pusa bold, Gobi Sarson, KOS-1	Cool & dry		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food		Agri Dept.	Farmers
Vegetables						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.	Farmers
Vegetables	Solanum melongena	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers
Vegetables	Legenaria siceraria	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers

Vegetables	Brassica oleracea	Kadam	King of Market , White Vienna, Purple Vienna	Sub tropical & intermediate	Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers
Vegetables	Solanum lycopersicum	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate	Normal	Normal	-	Rabi	Curd used as vegetable	Also good sourse of protein,carboh ydrate, phasphorus & iron	-	Agri Dept/ Local	Farmers
Vegetables	Allium cepa	Pyaj	Pusa Red, Nasik Red, N- 53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage	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	Farmers
Vegetables	Solamum tuberosum	Aaloo	Kufri Sindhuri,Kufr i Badsha, Kufri Jyoti	Potato is an herbaceous annual, requirs cool weather, mostly rainfed conditions	Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber,Vitamin B6,C,Potashiu m and folic acid.	-	Agri Dept/ Local	Farmers
Vegetables	Brassica rapa	Shal jum		Cool & dry	Plenty	Normal		Kharif	Vegetables			-	Farmers

## Format 2: Fruit Plants

1	2	3	4	5		6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Local Statu		Source of	Season of	Associated	Uses	Other details market /	Community / Knowledge
riant	Scientific Name	Local Name	variety	Habitat	Past	Present	Seeds/Plants	Fruiting	TK	Uses	own use	holder
Medium tree	Citrus Spp.	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.	Maketing , own use	
Tree	Malus x domestica	Saib	Golden Delocious, Maharaji,	Temperate	Rare	Plenty	Nurseries	Aug- Oct.		fruit, value addition	Maketing , own use	
Tree	Pyrus spp.	Nakh	Patharnakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	
Tree	Prunus persica	Aaroo	July Elberta, Quetta	Mid hill	Rare	Rare	Nurseries	June-July		Fruit	Maketing, own use	
Tree	Prunus armeniaca	Khubani, Sadi	local apricot, Bebco	Mid hills	Plenty	Plenty	Nurseries	June-July		Fruit	own use	
Tree	Juglans regia	Akrote	Burzal, Kagzi, hard shelled	Temperate	Plenty	Plenty	Nurseries, locally raised	sept-Oct		Dry fruit	Maketing , own use	
Tree	Prunus salicinia	Aaloo Bukhara	santa rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		Fruit	Maketing , own use	
Shrub	Elaeagnus multiflora	Kankoli										

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	7 8		10
Plant	Scientific	Local	Landscape /	Local	Status	Source of Plants /	Associated	Part	Other details	Community / Knowledge
Trant	Name	Name	Habitat	Past	Present	Seeds	TK	Used	Other details	holder
Grass	Avena sativa	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
Shrub	Sorghum spp	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
Grass	Trifolium alexandrinum	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
Shrub	Triticum aestivum	Gandam	Sub Tropical / Intermediate	Plenty	Rare	Agri Dept /Local		Whole plant	Suitable for fodder	Farmers
	Zea mays	Makka	Sub-Tropical	Plenty	Plenty	Agri Dept /Local		Whole plant	Suitable for 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 4: Weeds													
1	2	3	4	5	6	7		8	9	10	11	12		
N			Affected		Landscape /	Local	Status		Management		Other details	Community /		
Plant	Scientific Name	Local Name	crop	Impact	Habitat	Past	Present	Uses if any	options	Associated TK	like exotic	Knowledge holder		
Weed /Herb	Philaris minor	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	Farmers		
Weed /Herb	Parthenium hysterophorus	Congress grass	All crops	Alellopathy effect, reduce yield	Sub Tropical/ intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	Farmers		
Weed /Herb	Avena spp	Jungli Javi	Wheat	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local	Farmers		
Weed /Shrub	Cannabis sativa	Bhang	Maize, Wheat, Vegetables	Alellopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Psychoactive effects	Chemical / Manual Control	Intoxicating causes dehydration, nausea and headache	Local	Farmers		
Weed /Herb	Achinocloa crusgalli	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	Nil	Local	Farmers		
Weed /Herb	Cyprus rotundus	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers		
Weed	Medicago orbiculario	Saridi	Wheat	Compete with crops	Agriculture Land	Plenty	Plenty	Fodder				Farmers		
Weed	Euphobia helioscopia	Dodhal	Maize, Wheat	Reduce yield	Agri. & Non Agri. Land	Plenty	Plenty	Nil				Farmers		



Format	5:	Pests	of	Crops
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	1	<del> </del>						I	
1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local Name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Rice	Rice Hispa	Dicladispa armigera	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Rice	Stem Borer	Scirepophaga incertulas	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	Mylabris phalerata	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	Agrotis spp	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Maize stem Borer	Chilo partellus	Sundi	Chewing & bitting	July to Sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
Brijal/ Tomato	Fruit Borer	Helicoverpa armigera	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Wheat, Maize, Rice	Rat	Tatera indica	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
	Porcupine	Erethizon dorsatum	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
Maize, Wheat, Fruits, vegetable	Monkey	Macaca mulatta	Bander	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
Mustard	Aphid	Lipaphis erysimi	Aphid/ Tella	Sub Troopical/Intermediate	Dec-March	Chemical control	-	Nil	Farmers
Wheat, Maize, Cherry	Pig	Scrota	Pig						

	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						

Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

	Format 7: Peoplescape													
1	2	3	4	5	6	7	8	9	10	11				
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs				
Muslim	Farming	animal husbanding	Agriculture	agriculture sources			ST/Gen			273				
										827				

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 2 1 3 4 5 6 8 9 10 11 12 **Major Landscapes** Features and Sub -Management Associated Other Community Ownership General flora General fauna User groups General uses approx. Landscapes practices TK details accessed Agricultural Fallow area Pond land land Agricuture and Forest land Harduli Monkey Slopy private Oa jackal Timber and Hilly forest well Mannu Pig fooder Bensa Lizard Draink Scorpio Jackal Phogara Pear Parrot Apricot Frog Kankoli

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

	Format 9: Waterscape														
1	2	3	4	5	6	7	8	9	10	11	12	13			
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed			
Canel		2 Km	private land	Kikar	Mangoos	irrigation	-	-	-	-	-	-			
-	-	-	-	Oak	Lizard	purpose	-	-	-	-	-	-			
-	-	-	-	Beesa	wild cock		-	-	-	-	-	-			
-	-	-	-				-	-	-	-	-	-			
Tube well		Drinking water	private land			drinking water									
Stream		0.5 Km				Bathing									
		Drinking Water				Irrigatin									
						Drinking Water									

Examples: Streams, Lake, Canal, Tubewell, 1 etc.,

	Format 10: Soil type													
1	2	3	4	5	6	7	8							
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information							
Clay	Brown		normal	HC Nut	HC Nut	-	-							
Black	Black			Oak	Kainth	-	-							
				Maize	Chiru	-	-							
				Wheat	Katheri	-	-							
				Sarsoo	Harduli	-	-							
-			-	Simblu	Pig	-	-							
					Bear									
					Monkey									
					Jackal									
-	-	-	-			-	-							

	Format 11: Fruit Trees														
1	2	3	4	6		7	8	9	10	11	12	13			
				Landscape/	Loc	al Status	Source of	Season of	Uses	Associated	Other details	Community/			
Plant Type	Local Name	Scientific Name	Variety	Habitat	Past	Present	plant/seeds	Fruiting	(usage)	TK	market/own use	Know. holder			
Tree	Akhrot	Juglan regia		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Citrus fruits	Citrus Spp.		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Apple	Malus x domestica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Pear	Pyrus spp.		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Peach	Prunus persica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Apricot	Prunus persica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Plum	Prunus salicinia		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local				
Tree	Aaruu	Prunus persica		Wild / Local		Abundant	Local	Summer	Fruit		Local				

	Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)													
1	2	3	4	5	6	,	7	8	9	10	11	12		
Plant Tyne	Local Name	Scientific Name	Variety	Landscape/	Source of	Local status				- Uses (usage) Part used		Associated TK	Other details market/own	Community/ Know.
тант туре	Local Name	Scientific Ivame	variety	Habitat	plant/seeds	Past	Present	Oses (usage)	r art useu	Associated 1 K	use	Holders		
Herb	Pudina	Mentha arvensis	Home garden	Water	Stem	More	More	Mixture arial		-	-	-		
Shrub	Simblu	Berberies aristata	Wild	Baren	Natural	More	More	Human medicine	Root					
Tree	Akhroot	Juglans regia	Home garden		Seed	More	Less	Toothcare						
Shrub	Timru	Zanthoxylum armatum	Wild	Baren	Seed	Abundent	Abundent	Toothache	Seed					
Tree	Hardul	Rhododendron arboreum	Wild		Natural	More	Less	Abdominal Pain	Flower					

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

# Format 13: Ornamental Plants/ Trees/Climbers etc. 5 6 7 8

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
Climbers	Pulwari	Rosa asclloris		Natural	Non.Commercial				
Shrubs	Kucch	Viburnum grandiflorum		Natural	Non.Commercial				
Shrubs	Rose	Rosa indica		Cutting	Commercial				
Tree	Binsa	Salix spp.		Natural	Non.Commercial				
Herb	Sarsoo	Thuja compacta		_	_				

	Format 14: Timber Plants / Trees													
1	2	3	4		5	6	7	8	9	10				
Plant Type	Local Name	Scientific	Habitat	Local	status	Wild/ home-	Other	Associated TK	Other details	Community/ Know.				
Plant Type	Local Name	Name	Habitat	Past	Present	garden	uses (multi)	Associated 1K	Other details	holder				
Tree	Oak	Quercus incane	Forest	Good	Good	Wild	Fuel							
Tree	Kiker	Acacia spp.	Forest	Good	Good	Wild	Fuel							
Tree	Ratan Kath		Forest	Good	Good	Wild	Fuel							

	Format 15: Domesticated Animals													
1	2	3	4	5	6	7	7	8	9	10	11	12		
Animal			Breed (local/	_	Method of	Lo sta			Associated	Commercial	Other details including products	Community		
Туре	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	TK	rearing	and services	Know. Holders		
Small Ruminants	Sheep Goat	Ovis aries Capra hircus	Cross Breed Bakarwali Kagani Beetal Poonchi	Polled ewes Horned Rams v- shaped Nose drooping ear sturdy excellent climbers	Conventional	sufficient	sufficient	Mutton chevon Milk Wool	Lohi Namda	No	Wool mutton chevon Milk skin Department provide necessary Medical coverage and sufficient system of rearing	Yes		
Ruminant	Cow	Bos tarus		Long tail, 4 feet , Desi & Jersey		Sufficient	Rare	Milk				Yes		
Unglulate	Horse	Equus caballus		Two Jaw with teeth, Long Hairy tail		Rare	Rare	For load carriers				Yes		
Ruminant	Buffalo	Bubulus Babulis		4 Feet, Long Tail, 2 horn		sufficient	Rare	Milk				Yes		

Uses include milk, meat, skin, fur and etc

	Format 16: Culture Fisheries														
1	2	3	4	5	6	,	7	8	9	10	11	12			
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know.			
Тізіі Турс	Local Ivalie	Scientific Ivanic	variety	reacures	(pond/bheri/talao)	Past	Present	Oscs	TK	Commercial rearing	Other details	Holders			

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

	Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products													
1	2	3	4	5	6	7	8	9						
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported						

# WILD BIODIVERSITY Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5	6	Í	7	8	9	10	11		
Plant Type	Local Name	Scientific Name	Habitat	Habitat	Local	cal status	al status	status	Commercial /	Part collected	Associated TK	Other details	Community Knowledge
					Past	Present	own use				Holder		
Tree	Safeda	Euclyptus Spp.	Farm Field		More	Less	Own use				-		
Shrub	Simblu	Berberies lycium	Wild		More	Less	Own use	Roots, Leaves			-		
Herb	Pudina	Mentha arvensis	Wild		More	Less	Own use						
Tuber	Potato	Solanum tuberosum	Wild		Less	Less	Own use	Leaves					
Tree	Bensa	Salix spp.	Wild		Less	Less	Own use	Leaves, wood					
Tree	Mannu	Terminalia phillyreifolia	Wild		Less	Less	Own use	Leaves					
Tree	Kiker	Vachellia nilotica	Wild		Less	Less	-	Wood					
Climber	Cucumber	Cucumis sativus	Farm field		More	Less	Salad	Fruit					
Shrub	Kankoli	Elaeagnus multiflora	Wild		Less	Less	Furniture	Fruit					

## Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S. No.	Plant	Local Name	Scientific Name	Importance (as economic, social, cultural etc.)	Status
1	Dhaman		Grewia optiva	Fodder	
2	Oak		Quercus incana	Fodder	
3	Mannu		Ulmus walichaina	Wood	
4	Simblu		Berberis lycium	human medicine	
5	Sanduri		Dabregeasia orientalis	Fodder	

## Format 20: Aquatic Biodiversity

1	2	3	4	5		6	7	8	9	10
Local Name	Saiontifia Nama	Variety	Features	Habitat	Local	Status	Hana	Associated TK	Other details	Community/
Local Name	Scientific Name	Variety	reatures	навиа	Past	Present	Uses	Associated 1 K	Other details	Knowledge Holder
Water cress	Nasturtium officinale		Leafy, Soft	Aquatic	Good	Good	Vegetable			Phari
green algae	Volvox tertius		Thallus Plant	Aquatic	Good	Good	Photosynthesis			Gujjar
Mint/padina	Mentha arvensis		Aromatic	Aquatic	Good	Good	Medicinal			Kashmiri
Wild Mint	Mentha arvensis		Aromatic	Aquatic	Good	Good	Medicinal			
Bach	Acorus calamus		Rhizome	Aquatic	Good	Good	Medicinal			
Frog	Rana tigrina		Brownish Small	Aquatic	Good	Good	Eco balance			
Fish	Oncorhynchus mykiss		Scally	Aquatic	Good	Good	food			
Leech	Hirudo medicinalis		Blood Sucker	Aquatic	Good	Good				
Water snake	Nerodia sipedon			Aquatic	Good	Good				
Crab	cancer		Tentacle	Aquatic	Good	Good				
Brown Gad				Aquatic	Good	Rare				

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

	Format 21: Wild Aquatic Plant Species of Importance												
1	2	3	4	5	6								
S. No.	Local Name	Scientific Name	Variety	Importance	Trends								
1	Water cress	Nasturtium officinale		Feeding & fodder									
2	Green algae	Volvox tertius		Max. Photosynthesis									
3	Mint/padina	Mentha arvensis		Used in food									
4	Wild Mint	Mentha arvensis		Used in medicine									
5	Bach	Acorus calamus		Used in medicine									

	Format 22: Wild Plants of Medicinal Importance														
1	2	3	4	5	(	6	7	8	9	10	11				
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape /				Local Status		Uses (usage)	Part used	Other details	Community/ Knowledge		
Shrub, Tree)	Local Name	Scientific Ivaine	variety	Habitat	Past	Present	Associated TK	Oses (usage)	Tart useu	market/ own use	Holder				
Herb	pudina	Mentha arvensis	Home garden		More	Less		Mixture	Arial						
Shrub	Simblu	Berberies lycuim	Wild		More	More		BP control	Leaves						
Tree	Walnut	Juglans regia	Home garden		More	Less		Toothcare							
Shrub	Timru	Zanthoxyllum armatum	Wild		More	Less		Toothcare	Fruit						

				Format 2	23: Wild rela	tives of Crops				
1	2	3	4	:	5	6	7	8	9	10
Local	Scientific	Associated	Landscape /	Local	Status	Uses	Part	Associated	Other details	Community
Name	Name	crop	Habitat	Past	Present	(usage)	Used	TK	Other details	Know holder
Maize	Zea mays	Beans	Terrestrial	Good	Good		As food	Grain		Gujjar
Akhrot	Juglans regia	Grasses	Terrestrial	Good	Good		As food	Fruit		Phari
Beans	Phaselous vulgaris	Maize	Terrestrial	Good	Good		As food and fodder	Fruit		
Mustard	Brassica compestus	Turnip	Terrestrial	Good	Good		Fodder	Whole plant		

#### 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
Harduli	Rhododendron arboreum		Forest	Non-commercial			
Phulwari	Rosa ascolaris		Forest	Non-commercial			
Kuchh	Viburnm grandiflonum		Forest	Non-commercial			
Rose	Rosa indica		Forest / Garden	Non-commercial			
Saroo	Thuja compecta		Home garden	Non commercial			
Bottle Brush	Callistemon viminalis		Home garden	Non commercial			

#### Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,	Local	Scientific	Variety	Habitat	Loca	l Status	Uses	Part used	Associated	Other details	Community knowledge
Shrub, Tree)	Name	Name	variety	паша	Past	Present	(usage)	rart used	TK	(mode of use)	holder
Shrub	Phulwari	Rosa ascularis		Dry Land	Good	Good			Flower		Pahari
Herb	Mint	Mentha arvensis		Mist Place	Good	Good			Leaf		Gujjar
Herb	Banafsha	Viola odorata		Dry land	Good	Good			Flower		Kashmiri
Shrub	Timru	Zanthoxyllem armatum		Dry Land	Good	Rare			Fruit		
Tree	Akhrot	Junglans regia		Agri. Land	Good	Rare		Fruit/ Bark/ Twig			
Tree	Bhana	Vitex nigundo		Mist Place	Good	Rare		Twig			
Tree	Bensa	Salix alba		Mist Place	Good	Good		Twig/ Branch			

#### Format 26: Timber Plants

1	2	3		4	5	6	7	8
LandNama	Color Color No.	H.D.	Local	Status	Oder House State	A CALLEY	Other But To	Community/
Local Name	Scientific Name	Habitat	Past	Present	Other Uses, if any	Associated TK	Other Details	Knowledge Holder
mannu	Ulmus walichaina	Forest	Good		Fuel	Fooder		
Oak	Quercus incana	Forest	Good		Fodder, fuel	Fooder		
Fir	Abies pindrow	Forest	Good		Fuel	Fooder		
Bensa	Salix alba	Forest	Good		Fuel			
Draink	Melia azedarach	Forest	Good		_			
Chir	Pinus roxburghii	Forest	Good	Rare				
Anjeel/ Kamiri	Broussonetia papyrifera	Forest/ Agri. Land	Good	Good				

	Format 27 A: Coastal and Marine Flora																	
1	2	3	4		5	6	7	8	9	10								
Plant Type	Local Name	Scientific Name	Habitat	Local Status		Local Status		Local Status		Local Status		Local Status		Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder
Plant Type	Local Ivaille	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated 1 K	Knowledge Holder								

	Format 27 B: Coastal and Marine Fauna														
1	2	3	4		5	6	7	8	9	10					
Animal Type	Local Name	Scientific Name	Habitat	Loca	l Status	Parts	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder					
Annual Type	Local Name	Scientific Name	Habitat	Past	Present	Collected (if any)	(if any)	Other Uses	Associated 1 K	Holder					

#### Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others) 10 1 2 3 4 5 6 7 8 9 12 11 **Local Status** Mode of Community/ Season when Hunting, Other Animal Associated **Local Name** Scientific Name Habitat Description Uses (if any) Knowledge collecting (if Type TK details seen Holder any) Past Present Mus musculus Average Mouse Land All season More Pycnonotidae Bulbul Tree All season More More Psittaciaformes Parrot Wall All season More Less Lacertilia Lizard Water Summer More More Frog Anura Soil Summer More More Crow Corvus Branch/ Nest All season More Rare Monkey Cercopithecidae Tree All season Rare More Pig Sus Summer Rare Rare Myna Acridotheres tristis Tree All season Rare Rare Canis aureus Jackal Forest All season More More

Fο	rm	at	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	Dhaman	Grewia optiva	Shrub	Temperate/ Tropical		
2	Oak	Quercus incana	Tree	Temperate		
3	Mannu	Terminalia phillyreifolia	Tree	Tropical		
4	Simblu	Berberies arsitata	Shrub	Barren		
5	Bensa	Salix alba	Tree	Mid Hill		
6	Akhrot	Juglans regia	Tree	Temperate		
7	Apricot	Prunus perisca	Tree	Mid Hill		
8	Aaru	Prunus perisca	Tree	Mid Hill		
9	Hardul	Rododendrons arboreum	Tree	Temperate		
10	Kiker	Acacia spp.	Tree	Mid Hill		
11	Dreank	Melia azedarach	Tree	Mid Hill		
12	Pinus/ Chir	Pinus roxburghii	Tree	Sub-Tropical / Mid Hill		
13	Timbru	Zanthoxyllem armatum	Shrub	Barren		
14	Khirk	Celtis australis	Tree	Mid Hill		
15	Anjeel / Cameri	Broussnetia papyrifera	Tree	Mid Hill		
16	Sanduri	Debregersia orientalis	Shrub	Low Area		
17	Kankoli	Elaegnus multiflora	Shrub	Mid Hill		

**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 3 5 1 2 4 6 Scientific Name Type of Animals (Mammals / Birds / Fish / Insect etc.) Habitat Remarks (Rare / Common etc.) Sr. No. **Local Name** 1 Rat Rattus 2 Monkey Cercopithecidae 3 Pig Sus scrofa 4 Cut worm Agrotis ipsilon Aphidoidea Aphid 5 Jackal Canis aureus 6 7 Buffalo Bubalus bubalis 8 Cat Felis catus 9 Parrot Psittaci formes10 Gallus gallus Hen Canis lupus familiaris 11 Dog 12 Corvus Crow 13 Frog Anura 14 Lizrad Lacertilia

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			
	None				