People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti:-Marcholla
Taluk / Block :- Siot
District: Rajouri
State: Jammu And Kashmir
Geographical Area of the Panchayat Samiti: 6.07
Population under the Panchayat Samiti: Total 1591
Male: 780 Female: 811
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns) Rainfall
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: Sukhdev Kour
Age: 52
Gender: Female
Address: Marcholla
Area of specialization: Marcholla
2) Name: Manoj Kumar
Age: 28
Gender: Male
Address: Marcholla
Area of specialization: Siot
3)Name: Naseem Akhter (ST)
Age: 25
Gender: Female
Address: Marcholla
Area of specialization:
4)Name: Davinder Kour
Age: 26
Gender: Female
Address: Marcholla
Area of specialization:
5)Name: Jiya Lal
Age: 45
Gender: Male
Address: Marcholla
Area of specialization:
6)Name: Mohan Lal
Age: 47
Gender: Male
Address: Marcholla
Area of specialization:
7)Name: Mohd. Shabir
Age: 4
Gender: Male
Address: Marcholla
Area of specialization:

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 : Nil
Age: Nil
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name: Nil
Age: Nil
Gender: Nil
Address: Nil
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
3) Name: Nil
Age: Nil
Gender: Nil
Address: Nil
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 foresty
1) Name of the Chairperson: Sukh Dev Kour
Age: 58
Gender: Female
Address: Hathal
Area of specialization:
2) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
3) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Annexure 4

D 01	etails of schools, colleges, departments, universities, government institutions, non-governmental ganization and individuals involved in the preparation of the PBR
1)	Contact Person: 700635684
	Name and Address: Mohd Alyas Marcholla
2)	Contact Person:
	Name and Address:
3)	Contact Person:
	Name and Address:
4)	Contact Person:
	Name and Address:
Ye	ou 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

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	
1	Nil	Nil	Nil	Nil	Nil	

End of Part I

	Format 1: Crop Plants														
1	2	3	4	5	6	,	7		9	10	11	12	13	14	
Сгор	Scientific Name	Local Name	Variety	Landscape	Approx.	Local Status		Special	Cropping	Uses	Associated	Other	Source of	Community/ Knowledge	
			v al icty	/ Habitat	area shown	Past	Present	features	season		ТК	details	Seeds/Plants	Holder	
Maize/ Wheat	Zea mays/ Triticum aestivum	Maze/ Wheat	Hybrid	Lowland valleys		Medium	Medium	Hybrid	May & October	Food Fodder Roofing Fuel	Provides more energy	Suitable for Cirtus Plant	Agriculture/ Horticulture Deptt.	Agriculture/ Horticulture Deptt.	

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year - significant changes in ecology occurred - and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

	Format 2: Fruit Plants													
1	2	3	4	5		6	7	8	9	10	11	12		
	Scientific Name	T 1 N	T 7 • 4	Landscape /	Loca	Status	Source of	Season of	Associated TK	T	Other details market / own use	Community /		
Plant		Local Name	e Variety	Habitat	Past	Present	Seeds/Plants	Fruiting		Uses		Knowledge holder		
Orange	Citrus X sinensis	Orange	Hybrid	Semi Hilly	Me	dium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.		
Lemon	Citrus X sinensis	Lemon	Hybrid	Semi Hilly	Me	dium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.		
Guava	Psidium guajava	Guava	Hybrid	Semi Hilly	Me	dium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.		

	Format 3: Fodder Crops / Species													
1	2	3	4	5		5		6	7	8	9	10		
Dist	Scientific Name	Local	La la contra de la c	Local	Status	Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder				
Plant		Name	Landscape / Habitat	Past	Present									
Oats	Avena Sativa	Joo	Hybrid	Medium	Medium	Agricultrure Deptt	Agricultrure Deptt	Over all use	Nil	Agricultrure Deptt				
Bajra	Sorghum	Bajra	Hybrid	Medium	Medium	Agricultrure Deptt	Agricultrure Deptt	Over all use	Nil	Agricultrure Deptt				
Charri	Ikisan	Charri	Hybrid	Medium	Medium	Agricultrure Deptt	Agricultrure Deptt	Over all use	Nil	Agricultrure Deptt				

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

	Format 4: Weeds													
1	2	3	4	5	6 7		8	9	10	11	12			
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if	Management	Associated TK	Other details	Community /		
Tant			Anected crop			Past	Present	any	options	Associated TK	like exotic	Knowledge holder		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

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

	Format 5: Pests of Crops													
1	2	3	4	5	6	7	8	9	10 Community knowledge holder					
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details						
Cutworms	Cutworms	Aphids	Cutworms	soil	Summer/ winter season	Spray	Agriculture Deptt.	Nil	Agriculture Deptt.					
Grasshoppers	Grasshoppers Thrips Grasshoppe		Grasshoppers	field	Summer season	Spray	Agriculture Deptt.	Nil	Agriculture Deptt.					

Other details may include possible reasons for insects/animal attack

	Format 6: Markets for Domesticated animals													
1	2	3	4	5	6	7	8	9						
Name of the market & location	& location (M) / Annual (M)		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						
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil						

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

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: Landsc	ape					
	1		2	3	4	5	6	7	8	9	10	11	12
Major I Agricultural land	Landscape Pond	s Fallow land	Sub - Landscapes	Features and approx. area		General flora	General fauna	User groups	Manageme nt practices	General uses	Associated TK	Other details	Community accessed

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

	Format 9: Waterscape													
1	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		
Well	well	Drinking	Own	Nil	Nil	Drinking	Community	Nil	Drinking	Nil	Nil	Self		
Ponds	Ponds	harvesting	Own	Nil	Nil	harvesting	Community	Nil	harvesting	Nil	Nil	Self		

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well 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						
Sandy loam	Radish	Moisture	Radish	Maze/ Wheat	Nil	Nil	Nil						

					Fo	ormat 1	l: Fruit Tre	es				
1	2	3	4	6		7	8	9	10	11	12	13
Plant	Local Name	Scientific Name	Variety	Landscape/	Local	Status	Source of	Season of	Uses (usego)	Associated TK	Other details market/own	Community/
Туре	Local Name	Scientific Name	variety	Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated I K	use	Know. holder
Orange	Orange	Citrus X sinensis	Hybrid	Semi Hilly	Mec	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Lemon	Lemon	Citrus X sinensis	Hybrid	Semi Hilly	Mec	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Guava	Guava	Psidium guajava	Hybrid	Semi Hilly	Med	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
	Mango	Magnifera indica										
	Jamun	Syzygium cumini										
	Pear	Pyrus communis										

			I	Format 12:	Medicinal	Plants (I	Herbs, Sh	rubs, Tree	s etc.)			
1	2	3	4	5	6		7	8	9	10	11	12
Diané Tana	LeastName	Seiendiffe Norma	Variates	Landscape/	Source of	Loca	l status		Denterrod	Associated	Other details market/own	Community/
Plant Type	Local Name	Scientific Name	Variety	Habitat	plant/seeds	Past	Present	Uses (usage)	rart used	ТК	market/own use	Know. Holders
Amla	Ambala	Phyllanthus emblica	Hybrid	Nil	Horticulture	Low	Medium	self	Local Market	nil	Local market	Self
Pudina	Pudana	Mentha	Natural	Nil	Natural	Medium	Medium	Self	Local Market	nil	Local market	Self
	Timber	Tectona grandis										
	Branker	Adhatoda vasica										
	Bana	Vitex nigundo										
	Aloevera	Aloe vera										

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 P	lants/ Trees/Clim	bers 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
Gutta	Gutta	Gutta Percha	Local /Hybrid	Floriculture	Both	Self/Sale	Floriculture	nil	Floriculture
Rose	Gulab	Rosemary	Local /Hybrid	Floriculture	Both	Self/Sale	Floriculture	nil	Floriculture
	Money Plant	Epipremnum aureum							
	Morpankh	Platycladus orientalis							
	Sunflower	Helianthus							

			I	Format 1	4: Timber	Plants / Tree	es			
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-	Other	Associated TK	Other details	Community/
Plant Type	Local Mame	Scientific Name	nabitat	Past	Present	garden	uses (multi)	Associated TK	Other details	Know. holder
Pine	Chir	Pinus roxburghii	Own/ forest	Medium	Medium	Wild	Multi	Forest	Nil	Forest
Shisham	Tali	Dalbergia sissoo	Own/ forest	Medium	Medium	Wild	Multi	Forest	Nil	Forest
	Draink	Melia azedarach								
	Safeda	Eucalyptus Globu								
	Toona	Toona ciliata								

]	Format 15:	Domesti	cated Ani	imals				
1	2	3	4	5	6		7	8	9	10	11	12
A	LagelNega			Uses	Associated	Commercial	Other details including	Community				
Animal Type	Local Name	Scientific Name	(local/ hybrid)	Features	keeping	Past	Present	Uses	ТК	rearing	products and services	Know. Holders
Cow	Go	Bos turus	Both	Milk	Dometic	Medium	Medium	Milk	Veterinary	Yes	Nil	Veterinary
Buffalo	Manj	Bubalus Bubalis	Both	Milk	Dometic	Medium	Medium	Milk	Veterinary	Yes	Nil	Veterinary
Goat	Bakri	Capra Aegagrus Hircus	Both	Milk/ Meat	Dometic	Medium	Medium	Milk/ Meat	Veterinary	Yes	Nil	Veterinary
Sheep	Pid	Ovis Aries	Both	Whool/Meat	Dometic	Medium	Medium	Whool/Meat	Veterinary	Yes	Nil	Veterinary

Uses include milk, meat, skin, fur and etc

	Format 16: Culture Fisheries													
1	1 2 3 4 5 6 7 8 9 10 11 12													
Fish Tupo	Fish Type Local Name Scientific Name Variety Features Waterscape (nond/bheri/telae) Local status Uses Associated TK Commercial rearing Other details Community Know.													
Fish Type Local Name Scientific Variety Features (nond/bheri/talao)												Holders		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

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

		Format 17: Mark	tets / Fairs	for Domesticated Ani	mals, Medicinal	Plants and other produ	cts	
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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

			Forr	nat 18: Tr	ees, Shri	ubs, Herbs	, Tubers, Grass	ses, Climbers (etc.		
1	2	3	4	5		6	7	8	9	10	11
Plant Tuna	Local Name	Scientific Name	Habit	Uabitat	Local status Habitat		Commercial / own	Part collected	Associated TK	Other details	Community
Plant Type	Local Name	Scientific Name	nabu	Habitat	Past	use		r art conecteu	Associated TK	Other details	Knowledge Holder
Garlic	Thom	AlliumSativum	Siol	Siol	Medium	Medium	Both	Inside the Siol	Agriculture	Nil	Agriculture Deptt
Turmeric	Haldi	Curcuma Longa	Siol	Siol	Medium	Medium	Both	Inside the Siol	Agriculture	Nil	Agriculture Deptt
	Garna	Carissa spinarum									
	Sanatha	Dodonaea viscosa									

	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	Datura	Datura Stramonium	Natural	Cultural									
2	Anardana	Punica granatum											
3	Garna	Carissa spinarum											

	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/ Knowled															
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Holder					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil					

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

	Format 21: Wild Aquatic Plant Species of Importance												
1	2	3	4	5	6								
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends								
1	Datura	Datura Stramonium	Natural	Cultural	nil								

	Format 22: Wild Plants of Medicinal Importance														
1	2	3	4	5		6	7	8	9	10	11				
Plant (Herb,	x 1 N		X 7 • 4	Landscape /	Local Status Associated TK		Lass (usage) Dest used	Other details	Community/						
Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Past	Present	Associated 1K	Uses (usage)	Part used	market/ own use	Knowledge Holder				
Amla	Ambala	Phyllanthus emblica	Hybrid	Nil	Horticult ure	Low	Medium	self	Local Market	nil	Self				
Pudina	Pudana	Mentha	Natural	Nil	Natural	Medium	Medium	Self	Local Market	nil	Self				
	Harad	Terminalia chebula													

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	Scientific	Associated crop	Landscape / Habitat	Local Status		Local Status		Local Status		Uses	Part	Associated	Other details	Community / Know
Name	Name	Associated crop	Lanuscape / Habitat	Past	Present	(usage)	Used	ТК	Other details	holder				
Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	Nil				

Note: Other details may include 'function as a substitute plant' in the absence of a particular 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							
Gutta	Gutta Percha	Local /Hybrid	Soil	Both	Floriculture	Nil	Floriculture							
Rose	Rosemary	Local /Hybrid	Soil	Both	Floriculture	Nil	Floriculture							

	Format 25: Fumigate / Chewing Plants														
1	2	3	4	5		6	7	8	9	10	11				
Plant (Herb,	Local	Scientific	Variety	Habitat	Loca	Local Status		S Deut and	Associated	Other details	Community knowledge				
Shrub, Tree)	Name	Name	variety	nabitat	Past Present		(usage)	Part used	ТК	(mode of use)	holder				
Nil	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	Nil				

	Format 26: Timber Plants													
1	2	3		4	5	6	7	8						
Local Name	Scientific Name	Habitat	Local	Status	Other Uses if any	Associated TK	Other Details	Community/ Vnowledge Helder						
Local Name	Scientific Ivanie	парца	Past	Present	Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder						
Chir	Pinus	Own/ forest	Medium	Medium	Self	Forest	Nil	Forest						
Tali	Dalbergia Sissoo	Own/ forest	Medium	Medium	Self	Forest	Nil	Forest						
Toona	Toona ciliata													
Safeda	Eucalyptus Globu													
Draink	Melia azedarach													

	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 Parts Collected Commercial Uses Other Uses Associated TK Community/1														
riant Type	Local Maine	Scientific Ivalle	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Holder				
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil				

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

		Form	nat 28: Wil	d Animals (Mammals, I	Birds, R	Reptiles,	Amphibia	, Insects, oth	ers)				
1	2	3	4	5	6		7	8	9	10	11	12		
Animal	Land Name	Seierdiffe Norme	H-1:4-4	Description	Season when	Local Status					Associated TV	Mode of	Others data ila	Community/
Туре	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	Uses (if any)	Associated TK	Hunting, collecting (if any)	Other details	Knowledge Holder		
Monkey	Monkey	Cercopithecidae	Forest	Forest	all season	medium	Large	nil	nil	nil	nil	Forest		
	Pig	Sus scrofa domesticus												
	Jackal	Canis aureus												
	Leopard	Panthera pardus												

	Format 29: Flora													
1	1 2 3 4 5 6 7													
Sr. No.	Sr. No. Local Name Scientific Name Type of Plants Habitat Flowering Season Remarks (Rare / Common etc.)													
1	Gutta	Gutta Percha	Flower Plant	-	All season	Both								

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.)	
Nil	Nil	Nil	Nil	Nil	Nil	

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