People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti:-Balshama
Taluk / Block:- Siot
District: Rajouri
State: Jammu And Kashmir
Geographical Area of the Panchayat Samiti: 2.07
Population under the Panchayat Samiti: Total 3760
Male: 2060 Female: 1700
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: Krishan Lal Sudan
Age: 66
Gender: Male
Address: Balshama
Area of specialization:
2) Name: Munshi Ram
Age: 45
Gender: Male
Address: Balshama
Area of specialization:
3)Name: Ashok Kumar
Age: 52
Gender: Male
Address: Balsham
Area of specialization:
4)Name: Pritam Singh
Age: 58
Gender: Male
Address:
Area of specialization:
5)Name: Satya Devi
Age: 58
Gender: Female
Address: Balshama
Area of specialization:
6)Name: Sunita Devi
Age: 39
Gender: Female
Address: Balshama
Area of specialization:
7)Name:Mohd Nisar
Age: 28
Gender: Male
Address: Balshama
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:
Percention 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: Krishan Lal Sudan
Age: 66
Gender: Female
Address: Balshama
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
	etails of schools, colleges, departments, universities, government institutions, non-governmental ganization and individuals involved in the preparation of the PBR
1)	Contact Person: 7889556621
	Name and Address: Raj Kumar Balshama
2)	Contact Person:
	Name and Address:
3)	Contact Person:
	Name and Address:
4)	Contact Person:
	Name and Address:
Yo	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							

	Format 1: Crop Plants														
1	2	3	4	5	6	,	7		9	10	11	12	13	14	
Crop		Local	Variety	Landscape	Approx. area shown	Local	cal Status Special		Cropping	Uses	Associated	Other	Source of	Community/ Knowledge	
Стор		Name		/ Habitat		Past	Present	features	season	Coco	ТК	details	Seeds/ Plants	Holder	
Maze/ 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		
Plant	Scientific Name	Local Name	Variety	Landscape /	Local	Status	Source of Seeds/Plants			re of Season of			Other details	Community / Knowledge
Flant	Scientific Ivame	Local Name	variety	Habitat	Past	Present		Fruiting	Associated IX	Uses	market / own use	holder		
Orange	Citrus X sinensis	Orange	Hybrid	Semi Hilly	Med	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.		
Lemon	Citrus X sinensis	Lemon	Hybrid	Semi Hilly	Med	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.		
Guava	Psidium guajava	Guava	Hybrid	Semi Hilly	Med	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.		

	Format 3: Fodder Crops / Species													
1	2	3	4		5	6	7	8	9	10				
Plant	Scientific Name	Local	Landscape /	Local Status		Source of Plants /	Associated	Part	Other details	Community /				
liant		Name	Habitat	Past	Present	Seeds	TK	Used		Knowledge holder				
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		9	10	11	12		
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat -	Local Status		Uses if any	Management options	Associated TK		Community / Knowledge		
						Past	Present	,	5 F		like exotic	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					
Host	Insect / Animal	Scientific name Local name		Habitat	Habitat Time / season of attack		Ianagement Associated nechanism TK		Community knowledge holder					
Cutworms	Cutworms	Aphids	Cutworms	soil	Summer/ winter season	Spray	Agriculture Deptt.	Nil	Agriculture Deptt.					
Grasshoppers	Grasshoppers	Thrips	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	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						
Nil	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,

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

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

						Format 9: W	aterscape					
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.,

			1	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

Format 11: Fruit Trees

1	2	3	4	6	7	7	8	9	10	11	12	13
Plant	Local	Caiantica Nama	\$ 7.00000	Landscape/	Local	Status	Source of	Season of	Uses (see 50)	Associated TIV	Other details	Community/
Туре	Name	Scientific Name	Variety	Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	market/own use	Know. holder
Orange	Orange	Citrus X sinensis	Hybrid	Semi Hilly	Med	lium	Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Lemon	Lemon	Citrus X sinensis	Hybrid	Semi Hilly	Med	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										
	Pear	Pyrus cumminis										

				Form	at 12: Medicin	al Plants (I	Herbs, Shrubs	, Trees etc.)				
1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Loca	al status	Uses (usage)	Part	Associated TK	Other details market/own	Community/ Know.
riant Type	Local Name	Scientific Ivame	variety	Habitat	plant/seeds	Past	Present	Oses (usage)	used	Associated 1K	use	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
	Khair	Senegalia catechu										
	Harad	Terminalia chebula										

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

			For	mat 13: Ornamenta	al Plants/ Trees/Climl	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
	Sunflower	Helianthus							
	Rose	Rosa							

				F	ormat 14: Ti	mber Plants / Trees				
1	2	3	4		5	6	7	8	9	10
DI 4 T	T IN	C. C. C. N.	H-1-2-4	Local	l status	Wild/ home-	Other	Annalia	0411-4-7-	Community/ Know.
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	uses (multi)	Associated TK	Other details	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
	Toona	Toona ciliata								
	Draink	Melia azedarach								
	Safeda	Eucalyptus Globu								

Format 15: Domesticated Animals

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed	Features	Method of		ocal atus	Uses	Associated	Commercial	Other details including	Community
Animal Type	Local Name	Scientific Name	(local/ hybrid)	reatures	keeping	Past	Present	Uses	TK	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	2	3	4	5	6		7	8	9	10	11	12
Fish Tyne	Eigh Type Local Name Scientific Name Verify Features Waterscape Local Name Associated TK Commercial Other details Know											Community Know
rish Type	Local Name	Scientific Name	variety	reatures	(pond/bheri/talao)	Past	Present	Oses	Associated TK	rearing	Other details	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:	Markets / Fair	s for Domesticated Ani	mals, Medicinal Plant	s 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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc. 3 10 11 1 2 4 5 6 7 8 9 Local status Community Knowledge Holder Commercial / Plant Type **Local Name** Scientific Name Habit Habitat Part collected Associated TK Other details own use Past Present AlliumSativum Siol Medium Medium Inside the Siol Agriculture Nil Agriculture Deptt Garlic Thom Siol Both Curcuma Longa Inside the Siol Agriculture Agriculture Deptt Haldi Siol Siol Medium Medium Both Turmeric Nil Pudina Mentha specata Carissa spinarum Garna Anardana Punica granatum

		Format 1	9: Wild Plant Species of In	nportance	
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			

	Format 20: Aquatic Biodiversity									
1	2	3 4 5 6 7 8 9 1						10		
Landa	S. J. C. N.	\$7. *.4	F 4	H.P.	Loca	l Status		American		Community/
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Community/ Knowledge 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	1 2 3 4 5								
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	5 6			8	9	10	11
Plant (Herb,	Local	Scientific Name	Variety	Landscape /	Local	Status	Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
Shrub, Tree)	Name	Scientific Name	variety	Habitat	Past	Present	Associated TK	Uses (usage)	1 art useu		
Amla	Ambala	Phyllanthus emblica	Hybrid	Nil		Low	Medium	self	Local Market	nil	Self
Pudina	Pudana	Mentha	Natural	Nil		Medium	Medium	Self	Local Market	nil	Self
	Khair	Senegalia catechu									
	Timber	Tectona grandis									

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 /	Loca	l Status	Uses	Part	Associated	Other details	Community / Know
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	TK	Other details	holder
Nil	Nil	Nil	Nil]	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	5 6 7 8 9 10					10	11
Plant (Herb,	Local	Scientific	***	П.1.	Local Status		Uses	D ()	Associated	Other details	Community
Shrub, Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	TK	(mode of use)	knowledge holder
Nil	Nil	Nil	Nil	Nil	1	Vil	Nil	Nil	Nil	Nil	Nil

	Format 26: Timber Plants									
1	2	3		4	5	6	7	8		
T INI	Colored Co. No.	II.l.	Local	Status	Other House 16 and	A 1 /DV/	Other Data Te	Community/ Knowledge		
Local Name	Scientific Name	Habitat	Past	Present	Other Uses, if any	Associated TK	Other Details	Holder		
Chir	Pinus	Own/ forest	Medium	Medium	Self	Forest	Nil	Forest		
Tali	Dalbergia Sissoo	Own/ forest	Medium	Medium	Self	Forest	Nil	Forest		
Draink	Melia azedarach									
Toona	Toona ciliata									
Safeda	Eucalyptus Globu									

	Format 27 A: Coastal and Marine Flora									
1	2	3	4		5	6	7	8	9	10
DI 4T		C . CO N	TT 1.4	Loca	al Status	Parts Collected	Commercial Uses			Community/
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Knowledge 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	Loca	l Status	Parts	Parts Commercial Uses		Associated TK	Community/
Animal Type	Local Name	Scientific Ivame	Habitat	Past	Present	Collected (if any)	(if any)	Other Uses	Associated 1 K	Knowledge Holder
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others) 2 9 10 11 12 1 3 4 5 6 7 8 **Local Status** Community/ Mode of Hunting, Other Season when Uses (if Animal Type | Local Name Scientific Name Description Associated TK Knowledge Habitat collecting (if any) any) details seen Holder Past Present Cercopithecidae nil Monkey Monkey Forest Forest all season medium Large nil nil nil Forest Sus scrofa domesticus Pig Panthera pardus Leopard Jackal Canis aureus

	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	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							