

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 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 : 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 forestry
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

Details of schools, colleges, departments, universities, government institutions, non-governmental organization 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:

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

Annexure 5**Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing**

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		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Maize/ Wheat	<i>Zea mays/ Triticum aestivum</i>	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 / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Orange	<i>Citrus X sinensis</i>	Orange	Hybrid	Semi Hilly	Medium		Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Lemon	<i>Citrus X sinensis</i>	Lemon	Hybrid	Semi Hilly	Medium		Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Guava	<i>Psidium guajava</i>	Guava	Hybrid	Semi Hilly	Medium		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 Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Oats	<i>Avena Sativa</i>	Joo	Hybrid	Medium	Medium	Agriculture Deptt	Agriculture Deptt	Over all use	Nil	Agriculture Deptt
Bajra	<i>Sorghum</i>	Bajra	Hybrid	Medium	Medium	Agriculture Deptt	Agriculture Deptt	Over all use	Nil	Agriculture Deptt
Charri	<i>Ikisan</i>	Charri	Hybrid	Medium	Medium	Agriculture Deptt	Agriculture Deptt	Over all use	Nil	Agriculture 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 any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
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	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Cutworms	Cutworms	<i>Aphids</i>	Cutworms	soil	Summer/ winter season	Spray	Agriculture Deptt.	Nil	Agriculture Deptt.
Grasshoppers	Grasshoppers	<i>Thrips</i>	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

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: 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
Agricultural land	Pond	Fallow land											

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
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 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						
Orange	Orange	<i>Citrus X sinensis</i>	Hybrid	Semi Hilly	Medium		Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Lemon	Lemon	<i>Citrus X sinensis</i>	Hybrid	Semi Hilly	Medium		Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
Guava	Guava	<i>Psidium guajava</i>	Hybrid	Semi Hilly	Medium		Horticulture Deptt.	Summer /Winter	Horticulture Deptt.	Self/local Market	Self/local Market	Horticulture Deptt.
	Mango	<i>Magnifera indica</i>										
	Jamun	<i>Syzygium cumini</i>										
	Pear	<i>Pyrus communis</i>										

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					
Amla	Ambala	<i>Phyllanthus emblica</i>	Hybrid	Nil	Horticulture	Low	Medium	self	Local Market	nil	Local market	Self
Pudina	Pudana	<i>Mentha</i>	Natural	Nil	Natural	Medium	Medium	Self	Local Market	nil	Local market	Self
	Timber	<i>Tectona grandis</i>										
	Branker	<i>Adhatoda vasica</i>										
	Bana	<i>Vitex nigundo</i>										
	Aloevera	<i>Aloe vera</i>										

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.

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	<i>Gutta Percha</i>	Local /Hybrid	Floriculture	Both	Self/Sale	Floriculture	nil	Floriculture
Rose	Gulab	<i>Rosemary</i>	Local /Hybrid	Floriculture	Both	Self/Sale	Floriculture	nil	Floriculture
	Money Plant	<i>Epipremnum aureum</i>							
	Morpankh	<i>Platyclusus orientalis</i>							
	Sunflower	<i>Helianthus</i>							

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Cow	Go	<i>Bos taurus</i>	Both	Milk	Domestic	Medium	Medium	Milk	Veterinary	Yes	Nil	Veterinary
Buffalo	Manj	<i>Bubalus Bubalis</i>	Both	Milk	Domestic	Medium	Medium	Milk	Veterinary	Yes	Nil	Veterinary
Goat	Bakri	<i>Capra Aegagrus Hircus</i>	Both	Milk/ Meat	Domestic	Medium	Medium	Milk/ Meat	Veterinary	Yes	Nil	Veterinary
Sheep	Pid	<i>Ovis Aries</i>	Both	Whool/Meat	Domestic	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 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					
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 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	<i>Datura Stramonium</i>	Natural	Cultural	
2	Anardana	<i>Punica granatum</i>			
3	Garna	<i>Carissa spinarum</i>			

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				
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 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					
Amla	Ambala	<i>Phyllanthus emblica</i>	Hybrid	Nil	Horticulture	Low	Medium	self	Local Market	nil	Self
Pudina	Pudana	<i>Mentha</i>	Natural	Nil	Natural	Medium	Medium	Self	Local Market	nil	Self
	Harad	<i>Terminalia chebula</i>									

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					
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 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	<i>Gutta Percha</i>	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