

## People Biodiversity Register (PBR): General Details

**Name of the Panchayat Samiti :** Gulabgarh

**Taluk:** Gulabgarh

**District :** Reasi

**State:** J&K

**Geographical Area of the Panchayat Samiti:** 512 HECT.

**Population under the Panchayat Samiti: Total :** 1864(as per 2011 census)

**Male** 974      **Female :** 890

**Habitat and Topography:** Hilly Area

**Climate (Rainfall, Temperature and weather patterns).**Temperate

**Land Use (Nine fold classification available with village records)** Agriculture & Forest Land

**Date, Month and Year of PBR Preparation:** 19/11/2019

**Management Regime:** Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

**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:- Abdul rashid Gadermat

Age: 65

Gender: Male

Address: R/O Gulabgarh

Area of specialization: Tradational knowledge

2) Name: Zana Begum

Age: 45

Gender: Female

Address: R/O Gulabgarh

Area of specialization: (TK)

3)Name: Ghulam Fathima (ST)

Age: 55

Gender: Female

Address: R/O Gulabgarh

Area of specialization:(TK)

4)Name: Shahnawaz Ahmed

Age: 35

Gender: Male

Address: R/O Gulabgarh

Area of specialization: (tk)

5)Name: Abdul Rehaman

Age: 33

Gender: Male

Address: R/O Gulabgarh

Area of specialization: (TK)

6)Name: Abdul Rashid

Age: 45

Gender: Male

Address: Gulabgarh

Area of specialization:

7)Name:

Age:-

Gender:

Address:

Area of specialization:

**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:

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:

Gender:

Address:

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:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

**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:** Abdul Rashid Gadermat**Age:** 65**Gender:** Male**Address:** Gulabgarh**Area of specialization:** (TK)**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:**

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

1) **Contact Person:** NIL

**Name and Address:**

2) **Contact Person:** NIL

**Name and Address:**

3) **Contact Person:** NIL

**Name and Address:**

4) **Contact Person:** NIL

**Name and Address:**

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

**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**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>

*End of Part I*

**Part II**  
**PBR – Formats**  
**AGROBIODIVERSITY**  
**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							
Wheat	<i>Triticum aestivum</i>					Plenty	Rare		Rabi					Locals
Maize	<i>Zea mays</i>					Plenty	Rare		Kharief					

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 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					
Barseem	<i>Trifolium alexandrium</i>			Plenty	Plenty					
Bajra	<i>Pennisetum glaucum</i>			Plenty	Plenty					

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					
	<i>Lantana Camara</i>	Panj phulli	Every	Adverse		Plenty	Plenty					
	<i>Phalaris minor</i>	Sitti	Wheat			Plenty	Plenty					
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
	Field Rats	<i>Bandicota spp.</i>	Chau						
	Termites	<i>Microtermes obesi</i>	Seenak						
	Grasshopper	<i>Hieroglyphus sp.</i>	Tidda						

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

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
Hindu & Muslim	Agriculture	Labour					SC 0			500
							ST 791			
							OBC			

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 9: Waterscape**

1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Waterscape element type</b>	<b>Sub- type</b>	<b>Features and approx area</b>	<b>Ownership</b>	<b>General flora</b>	<b>General fauna</b>	<b>Major uses</b>	<b>User groups</b>	<b>Management practices</b>	<b>General uses</b>	<b>Associated TK</b>	<b>Other details</b>	<b>Community accessed</b>
Bowli	200		Public		Cattle							Locals
Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,												







**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					
	Tulsi	<i>Ocimum sanctum</i>										
	Aloe vera	<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 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					
Sheep	Bhed	<i>Ovis aries</i>	Local	Small	Flock Rearing	Leasr concerned	Leasr concerned	Wool	Yes	Yes	Bones, Skin	Local, Nomads
Sheep	Bhed	<i>Ovis aries</i>	Rambowill	Large	Flock Rearing	Leasr concerned	Leasr concerned	Wool	Yes	Yes	Bones, Skin	Local, Nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small	Flock Rearing	Leasr concerned	Leasr concerned	Manure	Yes	Yes	Bones, Skin	Local, Nomads
Goat	Bakri	<i>Capra hircus</i>	Beetal	Large	Flock Rearing	Leasr concerned	Leasr concerned	Manure	Yes	Yes	Bones, Skin	Local, Nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani	Large	Flock Rearing	Leasr concerned	Leasr concerned	Manure	Yes	Yes	Bones, Skin	Local, Nomads

Uses include milk, meat, skin, fur and etc





**WILD BIODIVERSITY**  
**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					
	Khair	<i>Acacia catechu</i>			Available	Available	Own Use				Self Observed
	Krongal	<i>Cassia fistula</i>			Available	Available	Own Use				Self Observed
	Chir	<i>Pinus roxburghii</i>			Available	Available	Own Use				Self Observed
	Jamun	<i>Syzygium cumini</i>			Available	Available	Own Use				Self Observed
	Talli	<i>Dalbergia sisso</i>			Available	Available	Own Use				Self Observed
	Badh	<i>Ficus religiosa</i>			Available	Available	Own Use				Self Observed
	Gulmohar	<i>Delonix regia</i>			Available	Available	Own Use				Self Observed



**Format 19: Wild Plant Species of Importance**

1	2	3	4	5	6
Sl. No.	Plant	Local Name	Scientific Name	Importance (as economic, social, cultural etc.)	Status
1		Simbal	<i>Bombax cieba</i>	Social and economic	Available
2		Bamboo	<i>Bambusa bamboos</i>	Social and economic	Available
3		Kiker	<i>Acacia nilotica</i>	Social and economic	Available
4		Talli	<i>Dalbergia sisso</i>	Social and economic	Available
5		Bhang	<i>Cannabis sativa</i>	Social and economic	Available
6		Kringal	<i>Cassia fistula</i>	Social and economic	Available





**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					
	Aloe vera	<i>Aloe vera</i>		Sub Tropical	Available						
	Tulsi	<i>Ocimum sanctum</i>		Sub Tropical	Available						
	Bhang	<i>Cannabis sativa</i>		Sub Tropical	Available						
	Amla	<i>Phyllanthus emblica</i>		Sub Tropical	Available						
	Toot	<i>Morus alba</i>		Sub Tropical	Available						
	Arjun	<i>Terminalia arjuna</i>		Sub Tropical	Available						

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					
Chaleri Saag	<i>Amaranthus viridus</i>		Sub-tropical	Available						
Jangli Putna	<i>Mentha arvensis</i>		Sub-tropical	Available						

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
Nerium	<i>Nerium oleander</i>						
Agave	<i>Agave augustifolia</i>						
Thur	<i>Cactus</i>						

**Format 25: Fumigate / Chewing Plants**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
	Amla	<i>Phyllanthus emblica</i>			Available						
	Imli	<i>Tamarindus indica</i>			Available						
	Tulsi	<i>Ocimum sanctum</i>			Available						
	Pudina	<i>Mentha Viridis</i>			Available						

**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/ Knowledge Holder
			Past	Present				
Khair	<i>Acacia catechu</i>							
Kala Siri	<i>Albizia lebbek</i>							
Talli	<i>Dalbergia sisso</i>							
Safeda	<i>Corymbia citriodora</i>							









## URBAN BIODIVERSITY

### 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**

<b>1</b>	<b>2</b>	<b>3</b>
<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>
	none	

*End of Part II*